

・別冊POPCOMプログラムマガジン・

CGコレクション

コンピュータ グラフィックス

PC-8801,mk II,SR



ドキドキワクワクの
CGプログラム
22本満載!

CGカセットレーベル
18枚つき

別冊 **POPCOM** プログラムマガジン・CGコレクション

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ラム 101



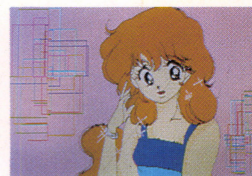
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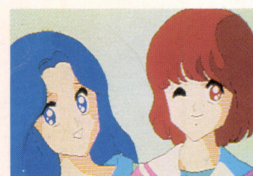
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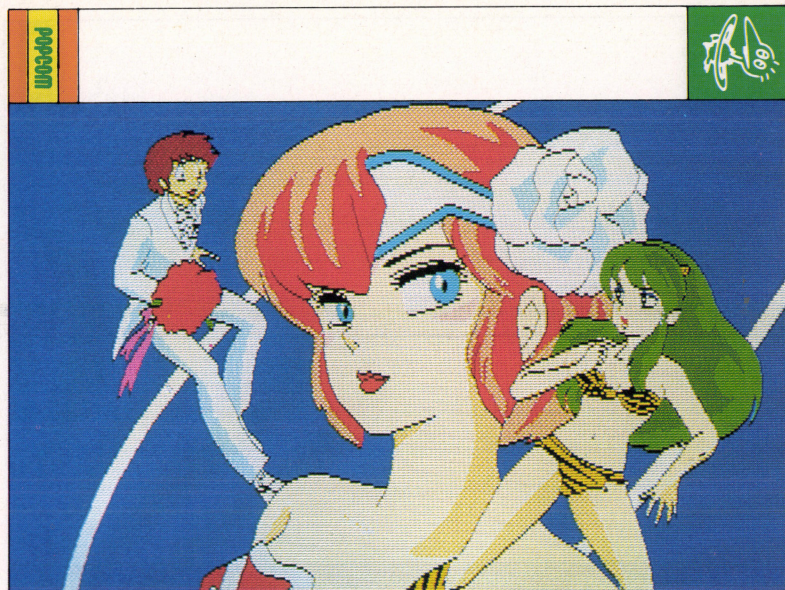
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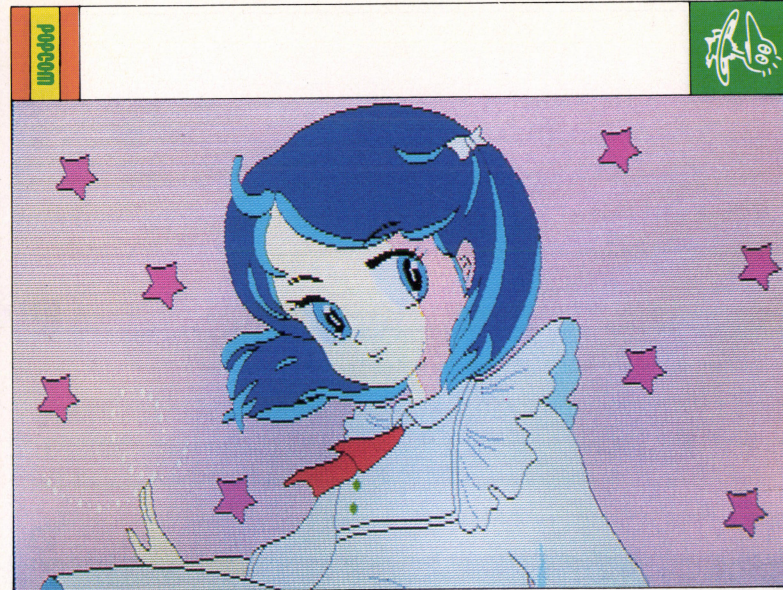
popcom
プログラム
マガジン

CGカセットレーベル



オンリーユー(うる星やつら)

寺嶋龍彦



コトリ(うる星やつら)

大島一夫



お祭りラム(うる星やつら)

大島一夫



ウエディングラム(うる星やつら)

大島一夫



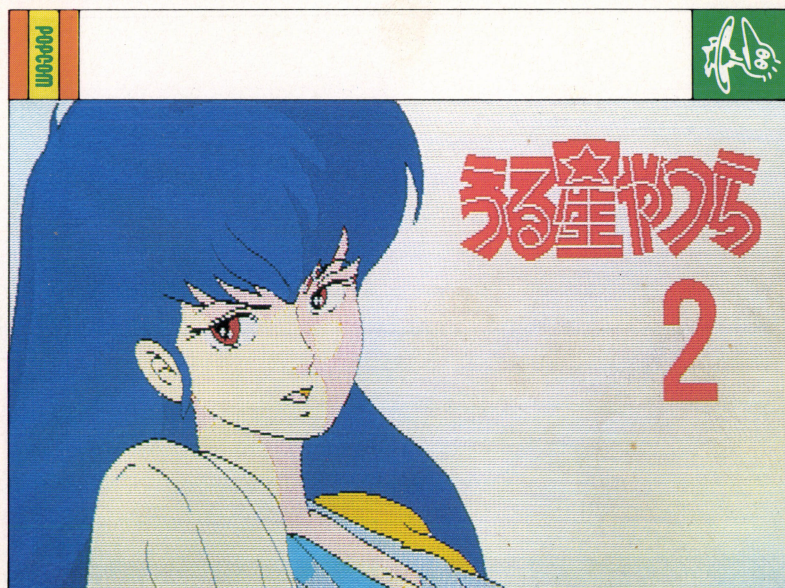
しのぶ(うる星やつら)

大島一夫



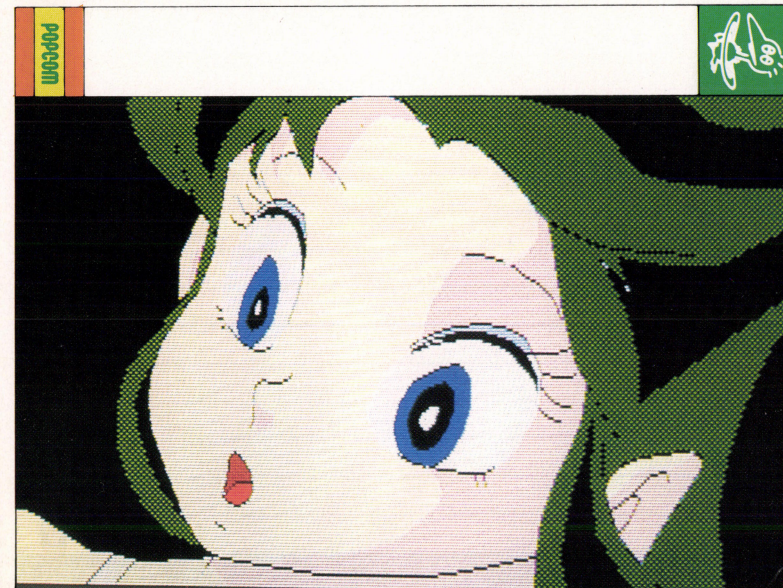
響子(めぞん一刻)

大島一夫



サクラ(うる星やつら)

大島一夫



ラム(うる星やつら)

渡辺寛太



おユキ(うる星やつら)

文岡 朗

POP-POP

PROGRAM

TAPE COUNTER

A

B

POP-POP

PROGRAM

TAPE COUNTER

A

B

POP-POP

PROGRAM

TAPE COUNTER

A

B

POP-POP

PROGRAM

TAPE COUNTER

A

B

POP-POP

PROGRAM

TAPE COUNTER

A

B

POP-POP

PROGRAM

TAPE COUNTER

A

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POP-POP

PROGRAM

TAPE COUNTER

A

B

POP-POP

PROGRAM

TAPE COUNTER

A

B

POP-POP

PROGRAM

TAPE COUNTER

A

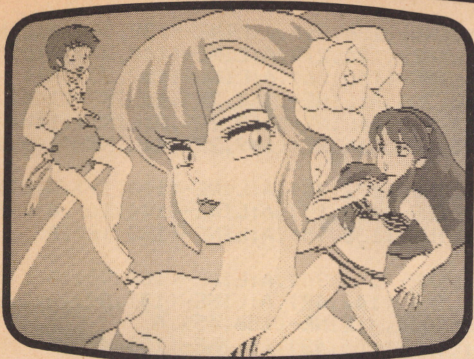
B

POP-POP

POP-POP

POP-POP

POP-POP



うる星やつら オンリー・ユー

PC—8801/mk II

寺嶋龍彦

オンリー・ユーのエル中心でカラフル!!

オンリー・ユーのエルを中心にラムとあたるを描いた、レコードジャケットをトレスしたカラフルな作品。

使用機種は、NEC・PC—8801、N EC・PC—8853、NEC・PC—80 S 31で、内容としては、LINE文とPAINT文のかたまりのような長いもので、2本に分かれています。カセットの場合

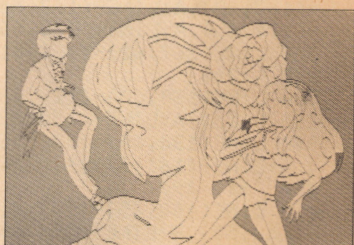
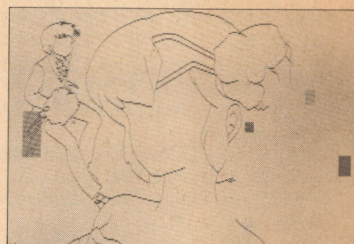
はプログラム1を入力し、セーブしたら、その後にプログラム2を入力してセーブしてください。また、プログラム1をロードしてRUNすると、2990行により、自動的に次のプログラムがロードされます。カセットテープの場合は、2990 LOAD "CAS:TERA.1B", Rとしてください。

作者のプロフィール

このプログラムは、すべてLINE文でできており、また一度完成してから、あとでいろいろつけたしや修正を行っていますので、内容もつぎはぎだらけですし、少々はずかしい気がします。

?才の寺嶋さんでした。

この寺嶋さんの作品は、全体的によく描かれている作品です。ジャケットもよかったのかもしれませんが…。また、細かい部分もキレイに描かれてあります。これは、下描きの段階でぬりもれしやすい所を最初にぬるという細かい配慮によるためでしょう。また、配色ですが、メリハリがあつてとても見やすい色あいになっています。



もし、オリジナル作品でこれだけの配色ができれば、もっとスゴイと思います。

うる星やつら オンリー・ユー プログラムリスト①

```

10 *****
20 *
30 *      うる星やつら オンリー・ユー      (LUM2)      *
40 *      1983年 7月 25日                      *
50 *      by      T. Terashima                  *
60 *
70 *****
80
90 SCREEN 0,0:CONSOLE 0,25,0,1:WIDTH 80,25
100 SCREEN 0,3:WINDOW(0,0)-(639,199):VIEW(0,0)-(639,399)
110 LINE(0,0)-(639,199),7,BF:LINE(90,85)-(120,120),1,BF:LINE(545,65)-(560,75),6,
BF:LINE(600,115)-(620,130),4,BF:LINE(450,90)-(464,97),4,BF:LINE(166,20)-(178,25)
,1,BF
120 カラー コード
130 A=0:B=0:C=0:D=0:E=0:F=0:G=0:H=0
200 アタル (カミノケ)
210 LINE(133,16)-(128,17),A:LINE-(124,18),A:LINE-(120,20),A:LINE-(117,22),A:LINE
-(116,24),A:LINE-(115,26),A:LINE-(114,28),A:LINE-(115,31),A:LINE-(117,33),A:LINE
-(119,34),A:LINE-(118,35),A:LINE-(118,36),A:LINE-(120,38),A:LINE-(126,39),A
220 LINE(125,38)-(126,39),A:LINE-(130,40),A:LINE-(132,40),A:LINE-(132,38),A:LINE
-(129,37),A:LINE-(127,35),A:LINE-(127,34),A:LINE-(128,33),A:LINE-(129,33),A:LINE
-(131,34),A:LINE-(133,36),A:LINE-(134,38),A:LINE-(134,40),A:LINE-(136,39),A

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リスト続く

230 LINE(136,39)-(136,35),A:LINE-(134,33),A:LINE-(136,32),A:LINE-(138,30),A:LINE
 -(138,27),A:LINE-(136,25),A:LINE-(139,26),A:LINE-(144,27),A:LINE-(148,27),A:LINE
 -(144,26),A:LINE-(142,24),A:LINE-(150,26),A:LINE-(156,26),A:LINE-(152,25),A
 240 LINE(152,25)-(148,23),A:LINE(150,24)-(160,25),A:LINE-(164,26),A:LINE-(166,27
),A:LINE-(166,28),A:LINE-(165,29),A:LINE-(164,31),A:LINE-(169,29),A:LINE-(170,28
),A:LINE-(172,26),A:LINE-(174,24),A:LINE-(176,23),A:LINE-(169,23),A:LINE-(168,22
),A
 250 LINE(168,22)-(168,21),A:LINE-(174,22),A:LINE-(172,21),A:LINE-(168,19),A:LINE
 -(162,17),A:LINE-(170,17),A:LINE-(162,15),A:LINE-(152,15),A:LINE-(144,16),A:LINE
 -(147,15),A:LINE-(154,14),A:LINE-(146,14),A:LINE-(138,15),A:LINE-(133,16),A
 260 (カオノリンカクトクビ)
 270 LINE(164,31)-(164,33),A:LINE-(166,35),A:LINE-(166,36),A:LINE-(164,38),A:LINE
 -(156,42),A:LINE-(154,42),A:LINE-(148,41),A:LINE-(142,40),A:LINE-(137,39),A:LINE
 (136,39)-(139,42),A:LINE-(141,43),A:LINE-(145,44),A:LINE-(150,45),A
 280 LINE(150,45)-(151,45),A:LINE-(153,43),A:LINE-(155,43),A:LINE-(155,42),A
 290 (ショウハンソウ)
 300 LINE(130,40)-(128,40),A:LINE-(124,42),A:LINE-(119,44),A:LINE-(110,47),A:LINE
 -(107,48),A:LINE-(104,50),A:LINE-(104,52),A:LINE-(100,57),A:LINE-(97,61),A:LINE-
 (94,65),A:LINE-(92,68),A:LINE-(92,75),A:LINE-(93,76),A:LINE-(98,78),A
 310 LINE(98,78)-(104,80),A:LINE-(110,81),A:LINE-(118,82),A:LINE-(122,83),A:LINE-
 (122,81),A:LINE-(124,79),A:LINE-(127,78),A:LINE-(128,75),A:LINE-(130,74),A:LINE-
 (124,73),A:LINE-(120,72),A:LINE-(116,71),A:LINE-(116,70),A:LINE-(106,71),A
 320 LINE(112,70)-(115,67),A:LINE-(119,65),A:LINE-(120,63),A:LINE-(121,62),A:LINE
 -(121,61),A:LINE(121,62)-(122,63),A:LINE-(125,64),LINE(120,67)-(116,70),A:LINE-(
 114,68),A
 330 LINE(162,39)-(164,40),A:LINE-(165,42),A:LINE-(165,43),A:LINE-(163,45),A:LINE
 -(162,47),A:LINE-(162,51),A:LINE-(160,53),A:LINE-(159,56),A:LINE-(159,58),A:LINE
 -(158,60),A:LINE-(156,63),A:LINE-(154,65),A
 340 ヒタリテ
 350 LINE(156,63)-(156,64),A:LINE-(160,67),A:LINE-(162,68),A:LINE-(166,69),A:LINE
 -(167,68),A:LINE-(162,66),A:LINE-(161,65),A:LINE-(162,64),A:LINE-(168,64),A:LINE
 -(174,65),A:LINE-(178,66),A:LINE-(178,65),A:LINE-(171,63),A:LINE-(167,62),A
 360 LINE(167,62)-(162,61),A:LINE-(158,60),A
 370 リモト
 380 LINE(130,40)-(129,43),A:LINE-(129,45),A:LINE-(131,47),A:LINE-(134,50),A:LINE
 -(140,55),A:LINE-(150,62),A
 390 LINE(134,40)-(136,43),A:LINE-(138,45),A:LINE-(142,48),A:LINE(160,41)-(162,43
),A:LINE-(161,47),A:LINE-(158,50),A
 400 (ショウネクタイ)
 410 LINE(142,45)-(142,47),B:LINE-(144,48),B:LINE-(142,51),B:LINE-(144,51),B:LINE
 -(148,50),B:LINE-(151,49),B:LINE-(151,47),B:LINE-(146,46),B:LINE-(142,45),B
 420 LINE(151,47)-(153,47),B:LINE-(153,48),B:LINE-(151,49),B:LINE-(154,49),B:LINE
 -(157,50),B:LINE-(159,49),B:LINE-(157,47),B:LINE-(157,46),B:LINE-(158,44),B:LINE
 -(155,44),B:LINE-(153,47),B
 430 LINE(122,57)-(122,54),A:LINE-(118,50),A:LINE-(114,49),A:LINE-(111,48),A:LINE
 -(108,49),A
 440 (ツノズトリホシ)
 450 LINE(106,81)-(104,82),A:LINE-(106,83),A:LINE-(102,85),A:LINE-(98,90),A:LINE-
 (96,94),A:LINE-(92,101),A:LINE-(92,106),A:LINE-(96,102),A:LINE-(102,97),A:LINE-
 (108,93),A:LINE-(118,88),A:LINE-(114,87),C:LINE-(114,86),C:LINE-(118,85),C
 460 LINE(118,85)-(122,84),C:LINE(118,88)-(118,90),C:LINE(120,90)-(123,88),C:LINE
 -(124,87),C
 470 LINE(126,88)-(124,89),C:LINE-(118,91),C:LINE-(114,93),C:LINE-(108,95),C:LINE
 -(103,98),C:LINE-(98,102),C:LINE-(98,104),C:LINE-(103,101),C:LINE-(102,104),C:LI
 NE-(104,106),C:LINE-(106,102),C:LINE-(110,99),C:LINE-(114,96),C:LINE-(119,94),C
 480 LINE(119,94)-(122,92),C:LINE-(127,88),C:LINE(128,88)-(124,92),C:LINE-(120,95
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 116),C:LINE-(96,120),C:LINE-(100,117),C:LINE-(105,113),C:LINE-(106,119),C
 490 LINE(106,119)-(110,113),C:LINE-(114,108),C:LINE-(118,103),C:LINE-(122,99),C:
 LINE-(124,97),C:LINE-(126,94),C:LINE-(127,92),C:LINE-(129,91),C
 500 (ハナナ)
 510 LINE(130,74)-(136,72),B:LINE-(136,70),B:LINE-(137,69),B:LINE-(139,68),B:LINE
 -(141,68),B:LINE-(142,67),B:LINE-(145,68),B:LINE-(147,67),B:LINE-(147,66),B:LINE
 -(152,66),B:LINE-(154,65),B:LINE(152,66)-(154,67),B:LINE-(157,65),B
 520 LINE(157,65)-(158,67),B:LINE-(160,67),B:LINE-(164,68),B:LINE-(164,69),B:LINE
 -(160,71),B:LINE-(164,70),B:LINE-(170,70),B:LINE-(172,69),B:LINE-(174,70),B:LINE
 -(176,72),B:LINE-(174,73),B:LINE-(177,74),B:LINE-(178,76),B:LINE-(181,78),B
 530 LINE(181,78)-(181,79),B:LINE-(178,79),B:LINE-(180,80),B:LINE-(180,82),B:LINE
 -(178,83),B:LINE-(176,83),B:LINE-(176,84),B:LINE-(174,85),B:LINE-(172,87),B:LINE
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 540 LINE(160,92)-(160,94),B:LINE-(156,94),B:LINE-(156,95),B:LINE-(154,95),B:LINE
 -(152,94),B:LINE-(152,93),B:LINE-(147,93),B:LINE-(144,94),B:LINE-(142,94),B:LINE
 -(140,93),B:LINE-(138,94),B:LINE-(134,93),B:LINE-(134,91),B:LINE-(129,91),B

550 LINE(129,91)-(128,88),B:LINE-(124,87),B:LINE-(124,84),B:LINE(132,81)-(127,81),D:LINE-(124,82),D:LINE-(122,84),D:LINE-(128,84),D:LINE-(132,83),D:LINE-(132,81),D
 560 LINE(168,88)-(168,90),D:LINE-(170,92),D:LINE-(174,93),D:LINE-(174,89),D:LINE-(168,88),D
 570 'ミキ'アヲ
 580 LINE(124,97)-(126,99),A:LINE-(130,101),A:LINE-(134,103),A:LINE-(140,105),A:LINE-(152,109),A:LINE-(157,111),A:LINE-(160,112),A:LINE-(160,114),A:LINE-(162,114),A:LINE-(161,115),A:LINE-(162,118),A:LINE-(163,122),A:LINE-(165,126),A
 590 LINE(165,126)-(168,129),A:LINE-(170,131),A:LINE-(174,135),A:LINE-(180,139),A:LINE-(184,142),A:LINE-(192,147),A:LINE-(200,150),A:LINE-(204,152),A:LINE-(208,150),A:LINE-(211,148),A:LINE-(214,146),A:LINE-(216,144),A:LINE-(220,142),A
 600 LINE(220,142)-(214,140),A:LINE-(210,138),A:LINE-(204,135),A:LINE-(200,132),A:LINE-(196,129),A:LINE-(194,126),A:LINE-(184,116),A:LINE-(182,113),A:LINE-(178,110),A:LINE-(178,107),A:LINE-(176,105),A:LINE-(172,103),A
 610 LINE(172,103)-(168,101),A:LINE-(162,98),A:LINE-(156,95),A
 620 'ヒタ'リ アヲ
 630 LINE(174,89)-(180,90),A:LINE-(188,91),A:LINE-(194,92),A:LINE-(196,93),A:LINE-(193,94),A:LINE-(192,96),A:LINE-(190,97),A:LINE-(188,99),A:LINE-(186,101),A:LINE-(184,105),A:LINE-(183,107),A:LINE-(182,113),A
 640 LINE(178,76)-(182,77),A:LINE-(188,78),A:LINE-(192,79),A:LINE-(198,81),A:LINE-(202,82),A:LINE-(206,83),A:LINE-(209,84),A:LINE-(213,86),A:LINE-(215,88),A:LINE-(217,90),A:LINE-(217,92),A:LINE-(216,94),A:LINE-(214,96),A:LINE-(211,98),A
 650 LINE(211,98)-(212,99),A:LINE-(210,101),A:LINE-(208,105),A:LINE-(206,110),A:LINE-(204,120),A:LINE-(202,123),A:LINE-(198,124),A:LINE-(194,126)
 660 'クツ'ミキ'-ヒタ'リ
 670 LINE(206,151)-(208,153),A:LINE-(208,154),A:LINE-(212,156),A:LINE-(215,158),A:LINE-(218,160),A:LINE(214,146)-(218,148),A:LINE-(226,150),A:LINE-(232,151),A:LINE-(236,151),A
 680 LINE(216,147)-(210,151),A:LINE-(212,153),A:LINE-(218,154),A:LINE-(220,152),A:LINE-(226,150),A:LINE(217,148)-(212,151),A:LINE-(216,153),A:LINE-(219,153),A:LINE(208,154)-(212,153),A:LINE(218,154)-(226,155),A
 690 LINE(211,155)-(218,155),A:LINE-(222,156)
 700 LINE(198,124)-(197,126),A:LINE-(198,128),A:LINE-(202,132),A:LINE-(206,133),A:LINE-(210,135),A:LINE-(213,137),A:LINE-(214,139),A:LINE-(214,140),A:LINE(196,126)-(199,129),A
 710 'ムネ'ノ フリム
 720 LINE(148,50)-(145,52),A:LINE-(144,53),A:LINE-(145,54),A:LINE-(149,54),A:LINE-(149,53),A:LINE-(150,52),A:LINE-(153,53),A:LINE-(155,52),A:LINE-(156,51),A:LINE-(158,52),A:LINE-(160,52),A:LINE-(158,53),A:LINE-(155,52),A
 730 LINE(148,54)-(146,56),A:LINE-(146,57),A:LINE-(150,55),A:LINE-(152,55),A:LINE-(152,57),A:LINE-(154,57),A:LINE-(155,56),A:LINE-(155,55),A:LINE-(156,54),A:LINE-(160,55),A:LINE-(156,53),A
 740 LINE(148,56)-(146,58),A:LINE-(146,59),A:LINE-(150,59),A:LINE-(150,61),A:LINE-(154,60),A:LINE-(155,59),A:LINE-(154,58),A:LINE-(154,57),A:LINE-(158,57),A:LINE-(156,55),A
 750 LINE(132,38)-(134,38),A 'ミミ'ノ ヲウセイ
 800 'イ'ム [アツ'ノ リンカク]
 810 LINE(440,20)-(432,16),B:LINE-(426,13),B:LINE-(418,11),B:LINE-(412,9),B:LINE-(404,7),B:LINE-(396,6),B:LINE-(386,5),B:LINE-(374,4),B:LINE-(354,3),B:LINE-(340,3),B:LINE-(322,4),B:LINE-(310,5),B:LINE-(298,7),B:LINE-(290,9),B:LINE-(285,10),B
 820 LINE(285,10)-(278,10),B:LINE-(266,12),B:LINE-(250,16),B:LINE-(243,18),B:LINE-(237,20),B:LINE-(228,23),B:LINE-(222,26),B:LINE-(216,29),B:LINE-(210,33),B:LINE-(204,37),B:LINE-(200,42),B:LINE-(196,46),B:LINE-(194,50),B:LINE-(192,53),B
 830 LINE(192,53)-(190,56),B:LINE-(190,60),B:LINE-(191,63),B:LINE-(192,66),B:LINE-(194,69),B:LINE-(198,73),B:LINE-(204,76),B:LINE-(208,78),B:LINE-(213,80),B:LINE-(218,82),B:LINE-(216,78),B:LINE-(212,73),B:LINE-(211,70),B
 840 LINE(216,78)-(220,82),B:LINE-(232,88),B:LINE-(237,90),B:LINE-(244,92),B:LINE-(252,94),B:LINE-(255,95),B:LINE-(256,97),B:LINE-(256,101),B:LINE-(254,108),B:LINE-(254,113),B:LINE-(255,117),B:LINE-(256,120),B:LINE-(258,122),B
 850 LINE(258,122)-(259,123),B:LINE-(262,124),B:LINE-(262,122),B:LINE-(266,124),B:LINE-(266,125),B:LINE-(268,128),B:LINE-(271,130),B:LINE-(276,132),B:LINE-(280,134),B:LINE-(284,135),B:LINE-(290,137),B:LINE-(294,138),B:LINE-(296,137),B
 860 LINE(296,137)-(297,134),B:LINE-(297,132),B:LINE-(296,130),B
 870 'カ'ノ リンカクト クヒ
 880 LINE(248,81)-(251,82),A:LINE-(253,83),A:LINE-(256,85),A:LINE-(260,88),A:LINE-(262,91),A:LINE-(264,94),A:LINE-(264,101),A:LINE-(265,103),A:LINE-(266,107),A:LINE-(268,111),A:LINE-(270,114),A:LINE-(274,118),A:LINE-(276,120),A
 890 LINE(276,120)-(280,122),A:LINE-(285,125),A:LINE-(290,127),A:LINE-(296,130),A:LINE-(300,132),A:LINE-(304,133),A:LINE-(316,133),A:LINE-(320,132),A:LINE-(332,130),A:LINE-(345,128),A:LINE-(355,126),A

900 LINE(320,132)-(322,136),A:LINE-(322,138),A:LINE-(321,140),A:LINE-(320,145),A
 :LINE-(318,150),A:LINE-(315,154),A:LINE-(308,160),A
 910 'マカミ
 920 LINE(220,70)-(224,73),B:LINE-(228,75),B:LINE-(236,78),B:LINE-(244,80),B:LINE
 -(248,81),B:LINE-(252,81),B:LINE-(255,80),B:LINE-(253,78),B:LINE-(250,76),B:LINE
 -(242,72),B:LINE-(246,74)-(250,75),B:LINE-(258,76),B:LINE-(278,77),B
 930 LINE(278,77)-(286,78),B:LINE-(292,79),B:LINE-(299,79),B:LINE-(301,77),B:LINE
 -(302,74),B:LINE-(302,69),B:LINE-(300,66),B:LINE-(296,60),B:LINE-(294,57),B:LINE
 -(290,51),B:LINE-(288,47),B:LINE-(286,44),B:LINE-(286,42),B:LINE-(284,40),B
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 950 LINE(360,49)-(360,53),B:LINE-(362,56),B:LINE-(366,60),B:LINE-(370,61),B:LINE
 (367,56)-(368,59),B:LINE-(370,61),B:LINE-(372,64),B:LINE-(376,66),B:LINE-(380,69
),B:LINE-(386,72),B:LINE-(390,74),B:LINE-(395,76),B:LINE-(401,78),B:LINE-(406,79
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 960 LINE(395,76)-(394,79),B:LINE-(393,82),B:LINE-(391,85),B:LINE-(388,89),B:LINE
 -(386,92),B:LINE-(384,94),B:LINE-(382,97),B:LINE-(380,100),B:LINE-(380,104),B:LI
 NE-(382,107),B:LINE-(384,110),B:LINE-(386,111),B
 970 LINE(390,98)-(387,102),B:LINE-(386,106),B:LINE-(386,111),B:LINE-(388,115),B:
 LINE-(390,118),B:LINE-(394,122),B:LINE-(398,124),B:LINE-(401,126),B:LINE-(406,12
 8),B:LINE-(408,129),B:LINE-(412,127),B:LINE-(416,124),B:LINE-(420,120),B
 980 'ア- ハント
 990 LINE(297,25)-(308,23),E:LINE-(316,22),E:LINE-(332,22),E:LINE-(340,23),E:LINE
 -(348,25),E:LINE-(369,31),E:LINE-(399,38),E
 1000 LINE(298,30)-(313,27),E:LINE-(322,26),E:LINE-(328,26),E:LINE-(340,28),E:LIN
 E-(369,35),E:LINE-(400,42),E
 1010 LINE(306,61)-(352,47),E:LINE-(362,44),E:LINE-(368,44),E:LINE-(400,50),E:LIN
 E(304,66)-(358,50),E:LINE-(364,48),E:LINE-(368,48),E:LINE-(404,54),E
 1020 LINE(298,24)-(296,26),B:LINE-(296,27),B:LINE-(298,30),B:LINE-(302,32),B:LIN
 E-(304,34),B:LINE-(308,37),B:LINE-(312,41),B:LINE-(314,44),B:LINE-(313,47),B:LIN
 E-(312,49),B:LINE-(310,53),B:LINE-(308,58),B:LINE-(306,61),B:LINE-(306,62),B
 1030 LINE(306,62)-(304,66),B:LINE-(302,69),B
 1040 'カタ ト
 1050 LINE(317,152)-(314,153),A:LINE-(310,153),A:LINE-(300,152),A:LINE-(290,151),
 A:LINE-(282,150),A:LINE-(274,149),A:LINE-(264,148),A:LINE-(256,148),A:LINE-(246,
 149),A:LINE-(240,150),A:LINE-(236,151),A:LINE-(230,153),A:LINE-(226,155),A
 1060 LINE(226,155)-(221,158),A:LINE-(218,160),A:LINE-(216,161),A:LINE-(213,164),
 A:LINE-(210,167),A:LINE-(208,171),A:LINE-(206,174),A:LINE-(204,177),A
 1070 LINE(237,163)-(236,165),A:LINE-(232,169),A:LINE-(230,170),A:LINE-(226,172),
 A:LINE-(220,174),A:LINE-(216,175),A
 1080 LINE(231,199)-(234,196),A:LINE-(238,193),A:LINE-(238,191),A:LINE-(236,189),
 A:LINE-(230,188),A:LINE-(218,187),A:LINE-(212,186),A:LINE-(208,184),A:LINE-(205,
 182),A:LINE-(202,178),A:LINE-(204,177),A:LINE-(208,175),A:LINE-(212,174),A
 1090 LINE(212,174)-(214,174),A:LINE-(216,175),A:LINE-(218,177),A:LINE-(222,180),
 A:LINE-(226,182),A:LINE-(234,183),A:LINE-(238,183),A:LINE-(246,184),A:LINE-(252,
 186),A:LINE-(255,187),A:LINE-(256,189),A:LINE-(255,191),A
 1100 LINE(255,191)-(252,194),A:LINE-(246,199),A
 1110 'フ
 1120 LINE(158,199)-(162,192),B:LINE-(164,189),B:LINE-(166,187),B:LINE-(170,186),
 B:LINE-(172,185),B:LINE-(176,184),B:LINE-(182,183),B:LINE-(186,182),B:LINE-(190,
 181),B:LINE-(194,180),B:LINE-(200,179),B:LINE-(202,178),B
 1130 'フ / フ
 1140 LINE(186,182)-(182,187),A:LINE-(180,190),A:LINE-(178,193),A:LINE-(176,197),
 A:LINE-(176,199),A:LINE(202,178)-(200,182),A:LINE-(196,186),A:LINE-(192,192),A:L
 INE-(190,196),A:LINE-(189,199),A
 1150 LINE(174,199)-(170,195),A:LINE-(170,192),A:LINE-(172,191),A:LINE-(174,191),
 A:LINE-(178,193),A:LINE(190,196)-(194,197),A:LINE-(198,197),A:LINE-(198,199),A
 1160 LINE(212,199)-(216,196),A:LINE-(218,195),A:LINE-(220,195),A:LINE-(220,197),
 A:LINE(215,199)-(220,197),A:LINE-(238,191),A
 1170 LINE(296,193)-(284,199),A
 1180 'ミ
 1190 LINE(424,108)-(425,106),B:LINE-(424,103),B:LINE-(423,100),B:LINE-(422,97),B
 :LINE-(420,90),B:LINE-(422,82),A:LINE-(424,79),A:LINE-(428,77),A:LINE-(432,76),A
 :LINE-(436,76),A:LINE-(440,77),A:LINE-(442,79),A:LINE-(442,81),A
 1200 LINE(442,81)-(444,86),A:LINE-(444,91),A:LINE-(442,94),A:LINE-(438,98),A:LIN
 E-(432,102),A:LINE-(426,105),A:LINE-(425,105),A
 1210 LINE(426,86)-(426,85),A:LINE-(429,83),A:LINE-(432,82),A:LINE-(434,83),A:LIN
 E-(436,85),A:LINE-(438,87),A:LINE-(438,88),A:LINE-(436,90),A:LINE-(435,92),A:LIN
 E-(432,95),A:LINE-(429,97),A:LINE-(426,99),A:LINE-(423,100),A
 1220 LINE(426,92)-(430,92),A:LINE-(432,93),A:LINE-(432,95),A
 1230 'ワタ ~ ヒタリ カ
 1240 LINE(409,129)-(407,132),A:LINE-(405,137),A:LINE-(404,141),A:LINE-(404,144),
 A:LINE-(405,147),A:LINE-(407,151),A

1250 LINE(438,165)-(442,167),A:LINE-(448,170),A:LINE-(454,172),A:LINE-(464,175),
 A:LINE-(476,179),A:LINE-(484,183),A:LINE-(490,186),A:LINE-(502,192),A:LINE-(504,
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 1260 'ウソカミ
 1270 LINE(405,137)-(410,137),B:LINE-(428,134),B:LINE-(432,133),B:LINE-(426,136),
 B:LINE-(436,135),B
 1280 'ハヲ
 1290 LINE(488,77)-(482,79),A:LINE-(479,80),A:LINE-(474,79),A:LINE-(471,80),A:LIN
 E-(464,78),A
 1300 LINE(467,60)-(474,61),A:LINE-(478,62),A:LINE-(480,65),A:LINE-(479,68),A:LIN
 E-(476,72),A:LINE-(472,75),A:LINE-(468,77),A:LINE-(464,78),A:LINE-(456,80),A:LIN
 E-(454,80),A:LINE-(449,78),A:LINE-(443,75),A:LINE-(440,74),A:LINE-(434,73),A
 1310 LINE(434,73)-(432,73),A:LINE-(428,72),A:LINE-(422,71),A:LINE-(417,68),A:LIN
 E-(414,65),A:LINE-(412,59),A:LINE-(422,71)-(416,70),A:LINE-(404,64),A:LINE-(402,6
 2),A:LINE-(402,58),A:LINE-(404,54),A
 1320 LINE(438,58)-(428,59),A:LINE-(424,60),A:LINE-(420,60),A:LINE-(412,59),A:LIN
 E-(408,57),A:LINE-(404,54),A:LINE-(400,50),A:LINE-(399,46),A:LINE-(400,44),A:LIN
 E-(400,39),A:LINE-(398,36),A:LINE-(398,34),A:LINE-(403,32),A:LINE-(407,30),A
 1330 LINE(407,30)-(412,28),A:LINE-(416,26),A:LINE-(419,24),A:LINE-(422,21),A:LIN
 E-(430,20),A:LINE-(442,21),A:LINE-(450,23),A
 1340 LINE(440,20)-(446,18),A:LINE-(454,16),A:LINE-(464,14),A:LINE-(474,13),A:LIN
 E-(490,13),A:LINE-(500,15),A:LINE-(501,18),A:LINE-(504,21),A:LINE-(508,24),A:LIN
 E-(512,28),A:LINE-(512,29),A:LINE-(516,32),A:LINE-(516,33),A:LINE-(514,36),A
 1350 LINE(514,36)-(513,38),A:LINE-(510,40),A:LINE-(498,46),A:LINE-(496,48),A:LIN
 E-(488,48),A:LINE-(484,47),A:LINE-(488,48)-(492,50),A:LINE-(500,52),A:LINE-(502,5
 4),A:LINE-(504,59),A
 1360 LINE(512,28)-(518,30),A:LINE-(522,32),A:LINE-(523,34),A:LINE-(522,38),A:LIN
 E-(520,41),A:LINE-(518,41),A
 1370 LINE(513,38)-(518,41),A:LINE-(522,43),A:LINE-(524,45),A:LINE-(522,47),A:LIN
 E-(520,50),A:LINE-(521,54),A:LINE-(522,57),A:LINE-(520,59),A
 1380 LINE(483,45)-(482,48),A:LINE-(480,55),A:LINE-(478,57),A:LINE-(472,59),A:LIN
 E-(466,60),A:LINE-(458,59),A:LINE-(454,57),A:LINE-(450,52),A:LINE-(450,50),A:LIN
 E-(454,46),A
 1390 LINE(458,59)-(454,60),A:LINE-(446,60),A:LINE-(438,58),A:LINE-(432,55),A:LIN
 E-(430,53),A:LINE-(431,49),A:LINE-(433,47),A:LINE-(436,44),A:LINE-(438,42),A:LIN
 E-(438,40),A:LINE-(434,36),A:LINE-(433,34),A:LINE-(434,31),A:LINE-(436,28),A
 1400 LINE(436,28)-(440,25),A:LINE-(450,23),A:LINE-(460,22),A:LINE-(466,22),A:LIN
 E-(470,25),A:LINE-(472,27),A:LINE-(480,31),A:LINE-(482,33),A:LINE-(482,36),A:LIN
 E-(483,38),A:LINE-(483,39),A:LINE-(482,42),A:LINE-(478,43),A:LINE-(468,44),A
 1420 LINE(459,32)-(462,32),A:LINE-(466,33),A:LINE-(470,32),A:LINE-(478,34),A:LIN
 E-(482,36),A:LINE-(460,35)-(462,37),A:LINE-(464,38),A:LINE-(467,39),A:LINE-(468,4
 1),A:LINE-(468,44),A
 1430 LINE(456,39)-(458,42),A:LINE-(464,45),A:LINE-(458,41)-(460,41),A:LINE-(464,4
 0),A:LINE-(466,39),A
 1440 LINE(482,42)-(478,43),A:LINE-(468,44),A:LINE-(464,45),A:LINE-(454,46),A:LIN
 E-(452,43),A:LINE-(456,39),A:LINE-(460,35),A:LINE-(460,33),A:LINE-(458,31),A:LIN
 E-(459,29),A:LINE-(462,26),A:LINE-(468,24),A
 1500 'ラムチャン [マエ カミ]
 1510 LINE(496,82)-(493,81),D:LINE-(490,79),D:LINE-(488,77),D:LINE-(486,76),D:LIN
 E-(485,74),D:LINE-(485,72),D:LINE-(486,70),D:LINE-(487,67),D:LINE-(490,64),D:LIN
 E-(493,62),D:LINE-(500,60),D:LINE-(506,59),D:LINE-(510,58),D:LINE-(516,59),D
 1520 LINE(516,59)-(520,60),D:LINE-(530,60),D:LINE-(536,61),D:LINE-(540,63),D:LIN
 E-(546,66),D:LINE-(550,70),D:LINE-(552,73),D:LINE-(553,76),D:LINE-(553,78),D:LIN
 E-(552,80),D:LINE-(550,83),D:LINE-(548,85),D
 1530 'ウソカミ ミキ
 1540 LINE(494,88)-(490,89),D:LINE-(484,89),D:LINE-(474,88),D:LINE-(468,88),D:LIN
 E-(462,89),D:LINE-(457,91),D:LINE-(454,93),D:LINE-(453,94),D:LINE-(456,93),D:LIN
 E-(460,91),D:LINE-(464,91),D:LINE-(460,92),D:LINE-(454,95),D:LINE-(450,99),D
 1550 LINE(450,99)-(449,100),D:LINE-(448,103),D:LINE-(452,114)-(452,118),D:LINE-(4
 54,121),D:LINE-(460,124),D:LINE-(458,123),D:LINE-(458,119),D:LINE-(459,117),D:LI
 NE-(462,115),D:LINE-(460,117),D:LINE-(460,120),D:LINE-(461,122),D
 1560 LINE(461,122)-(463,124),D:LINE-(466,125),D:LINE-(468,125),D
 1570 'カオノリカクトク
 1580 LINE(494,72)-(492,75),A:LINE-(493,77),A:LINE-(495,80),A:LINE-(496,82),A:LIN
 E-(495,84),A:LINE-(494,86),A:LINE-(494,89),A:LINE-(498,92),A:LINE-(500,94),A:LIN
 E-(510,95),A:LINE-(516,95),A
 1590 LINE(506,95)-(506,98),A:LINE-(503,100),A:LINE-(498,102),A:LINE-(498,98)-(506
 97),A
 1600 'マエカミ「オテ」
 1610 LINE(496,68)-(494,69),D:LINE-(494,72),D:LINE-(497,74),D:LINE-(501,75),D:LIN
 E-(499,72),D:LINE-(500,70),D:LINE-(502,68),D:LINE-(503,67),D:LINE-(506,66),D

1620 LINE(508,65)-(505,67),D:LINE-(504,69),D:LINE-(506,72),D:LINE-(508,74),D:LINE-(512,76),D:LINE-(518,77),D:LINE-(520,77),D:LINE-(518,73),D:LINE-(519,70),D:LINE-(520,72),D:LINE-(521,74),D:LINE-(524,76),D:LINE-(528,78),D:LINE-(531,79),D
 1630 LINE(531,79)-(533,81),D:LINE-(534,83),D:LINE-(536,86),D:LINE-(537,88),D
 1640 ミミ
 1650 LINE(537,88)-(539,87),A:LINE-(540,86),A:LINE-(544,85),A:LINE-(550,85),A:LINE-(548,87),A:LINE-(546,89),A:LINE-(542,91),A:LINE-(538,91),A
 1660 コノカミ
 1670 LINE(535,85)-(534,87),D:LINE-(533,89),D:LINE-(530,91),D:LINE-(527,93),D:LINE-(523,95),D:LINE-(518,97),D:LINE-(513,99),D:LINE-(510,101),D:LINE-(508,103),D:LINE-(506,107),D:LINE-(508,105),D:LINE-(512,103),D:LINE-(508,106),D
 1680 LINE(508,106)-(507,109),D:LINE-(508,112),D:LINE-(510,114),D:LINE-(512,116),D:LINE-(516,117),D:LINE-(517,117),D:LINE-(517,116),D:LINE-(522,118),D:LINE-(520,116),D:LINE-(520,112),D:LINE-(524,108),D:LINE-(530,105),D
 1690 LINE(530,105)-(534,101),D:LINE-(536,97),D:LINE-(538,94),D:LINE-(538,91),D:LINE-(537,88),D
 1700 ミキウテ
 1710 LINE(484,97)-(480,97),A:LINE-(473,98),A:LINE-(466,99),A:LINE-(461,100),A:LINE-(456,101),A:LINE-(448,103),A:LINE-(442,104),A:LINE-(432,106),A:LINE-(424,108),A:LINE-(422,109),A:LINE-(420,111),A:LINE-(416,114),A:LINE-(415,116),A
 1720 LINE(415,116)-(415,117),A:LINE-(416,118),A:LINE-(418,119),A:LINE-(422,120),A:LINE-(428,119),A:LINE-(435,118),A:LINE-(440,117),A:LINE-(448,115),A:LINE-(456,113),A:LINE-(464,111),A:LINE-(468,110),A:LINE-(472,110),A:LINE-(477,109),A
 1730 LINE(477,109)-(480,108),A:LINE-(482,106),A:LINE-(483,105),A:LINE-(484,105),A:LINE-(482,106)-(485,106),A:LINE-(487,105),A:LINE-(487,104),A:LINE-(484,103),A:LINE-(487,105)-(489,104),A:LINE-(490,103),A:LINE-(487,102),A:LINE-(484,101),A
 1740 LINE(484,101)-(488,101),A:LINE-(488,102),A:LINE-(490,102)-(491,100),A:LINE-(486,99),A:LINE-(484,98),A:LINE-(484,97)-(488,95),A:LINE-(487,97),A
 1750 LINE(486,99)-(492,98),A:LINE-(496,99),A:LINE-(498,98),A:LINE-(492,96),A:LINE-(484,97),A:LINE-(476,100),A:LINE-(474,102),A:LINE-(470,104),A:LINE-(469,105),A:LINE-(466,106),A:LINE-(458,107),A:LINE-(448,108),A
 1760 LINE(448,108)-(436,109),A:LINE-(430,109),A:LINE-(426,110),A:LINE-(424,111),A:LINE-(496,103)-(502,104),A
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 1780 LINE(548,68)-(554,68),F:LINE-(558,69),F:LINE-(555,71),F:LINE-(552,72),F:LINE(554,68)-(552,70),F:LINE-(555,71),F:LINE-(555,69),F
 1790 ムネトフヲ
 1800 LINE(468,110)-(467,111),F:LINE-(468,113),F:LINE-(472,117),F:LINE-(480,118),F:LINE-(490,118),F:LINE-(486,119),F:LINE-(494,119),F:LINE-(499,118),F
 1810 LINE(500,114)-(498,116),A:LINE-(499,117),A:LINE-(499,118),F:LINE-(502,121),F:LINE-(506,123),F:LINE-(510,124),F:LINE-(518,125),F:LINE-(526,124),F:LINE-(531,122),F:LINE-(533,120),F
 1820 LINE(533,120)-(535,118),A:LINE-(536,117),A:LINE-(535,115),A:LINE-(534,114),A
 1830 LINE(480,108)-(482,108),F:LINE-(485,109),F:LINE-(486,110),F:LINE-(487,112),F:LINE-(488,109),F:LINE-(489,112),F:LINE-(490,114),F:LINE-(493,116),F:LINE-(493,114),F:LINE-(496,116),F:LINE-(498,117),F:LINE-(504,116),F:LINE-(510,115),F
 1840 LINE(520,116)-(524,116),F:LINE-(528,117),F:LINE-(530,118),F:LINE-(533,120),F
 1850 ヒタリウテ
 1860 LINE(534,102)-(537,103),A:LINE-(542,104),A:LINE-(545,105),A:LINE-(548,106),A:LINE-(551,108),A:LINE-(553,110),A:LINE-(556,113),A:LINE-(560,117),A:LINE-(576,130),A:LINE-(579,134),A:LINE-(578,136),A:LINE-(576,138),A:LINE-(572,141),A
 1870 LINE(572,141)-(562,144),A:LINE-(550,148),A:LINE-(548,149),A:LINE-(546,154),A:LINE-(546,158),A:LINE-(545,160),A:LINE-(545,164),A:LINE-(543,162),A:LINE-(542,158),A:LINE-(542,162),A:LINE-(540,165),A:LINE-(538,167),A:LINE-(538,163),A
 1880 LINE(538,163)-(539,161),A:LINE-(536,158),A:LINE-(532,164),A:LINE-(530,166),A:LINE-(528,167),A:LINE-(528,166),A:LINE-(530,163),A:LINE-(532,158),A:LINE-(532,157),A:LINE-(530,157),A:LINE-(527,159),A:LINE-(524,162),A:LINE-(522,164),A
 1890 LINE(522,164)-(521,163),A:LINE-(522,161),A:LINE-(524,158),A:LINE-(528,155),A:LINE-(522,156),A:LINE-(518,157),A:LINE-(516,157),A:LINE-(515,156),A:LINE-(520,155),A:LINE-(526,153),A:LINE-(530,151),A:LINE-(534,148),A:LINE-(540,145),A
 1900 LINE(540,145)-(549,140),A:LINE-(554,136),A:LINE-(558,134),A:LINE-(560,133),A:LINE-(564,132),A:LINE-(566,132),A
 1910 LINE(535,118)-(537,119),A:LINE-(540,120),A:LINE-(546,124),A:LINE-(550,127),A:LINE-(556,132),A:LINE-(558,134),A
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 1930 LINE(516,59)-(526,58),D:LINE-(532,58),D:LINE-(538,59),D:LINE-(544,60),D:LINE-(550,62),D:LINE-(558,65),D:LINE-(564,69),D:LINE-(568,72),D:LINE-(572,76),D:LINE-(575,80),D:LINE-(576,82),D:LINE-(578,84),D:LINE-(582,87),D:LINE-(600,96),D
 1940 LINE(600,96)-(604,98),D:LINE-(610,104),D:LINE-(612,108),D:LINE-(613,112),D:LINE-(613,117),D:LINE-(612,120),D:LINE-(610,123),D:LINE-(606,127),D:LINE-(602,129),D:LINE-(606,125),D:LINE-(608,122),D:LINE-(608,120),D:LINE-(607,118),D

1950 LINE(607,118)-(606,121),D:LINE-(604,124),D:LINE-(602,126),D:LINE-(597,129),
 D:LINE-(592,131),D:LINE-(586,133),D:LINE-(580,134),D
 1960 'クソカミ ツツキ
 1970 LINE(554,136)-(546,137),D:LINE-(550,135),D:LINE-(542,137),D:LINE-(530,139),
 D:LINE-(524,139),D:LINE-(518,138),D:LINE-(523,137),D:LINE-(510,137),D:LINE-(507,
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 1980 ' トウ ミキ-ヒタリ
 1990 LINE(472,117)-(471,121),A:LINE-(470,123),A:LINE-(468,125),A:LINE-(466,126),
 A:LINE-(463,127),A:LINE-(460,128),A:LINE-(456,129),A:LINE-(453,130),A:LINE-(448,
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 2000 LINE(526,124)-(524,126),A:LINE-(520,128),A:LINE-(515,130),A:LINE-(510,132),
 A:LINE-(508,133),A:LINE-(507,134),A:LINE-(506,138),A:LINE-(504,145),A:LINE-(502,
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 2020 LINE(446,133)-(450,133),F:LINE-(456,136),F:LINE-(464,140),F:LINE-(467,141),
 F:LINE-(474,143),F:LINE-(484,145),F:LINE-(492,146),F:LINE-(498,147),F:LINE-(502,
 147),F:LINE-(503,149),F:LINE-(505,150),F:LINE-(506,150),F:LINE-(507,151),F
 2030 LINE(507,151)-(506,152),F:LINE-(504,151),F:LINE-(500,151),F:LINE-(496,150),
 F:LINE-(490,150),F:LINE-(488,152),F:LINE-(491,154),F:LINE-(484,153),F:LINE-(476,
 153),F:LINE-(468,155),F:LINE-(464,155),F:LINE-(460,156),F:LINE-(455,155),F
 2040 LINE(455,155)-(454,154),F:LINE-(456,152),F:LINE-(456,150),F:LINE-(455,148),
 F:LINE-(453,146),F:LINE-(456,147),F:LINE-(456,146),F:LINE-(454,145),F:LINE-(454,
 144),F:LINE-(452,142),F:LINE-(447,140),F:LINE-(442,138),F:LINE-(440,137),F
 2050 LINE(440,137)-(435,137),F:LINE-(436,135),F:LINE-(436,134),F:LINE-(438,135),
 F:LINE-(438,134),F:LINE-(439,135),F:LINE-(442,134),F:LINE-(446,133),F
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 2070 LINE(435,137)-(430,139),A:LINE-(425,141),A:LINE-(421,143),A:LINE-(415,146),
 A:LINE-(410,149),A:LINE-(407,151),A:LINE-(403,154),A:LINE-(400,157),A:LINE-(396,
 160),A:LINE-(390,165),A:LINE-(386,169),A:LINE-(383,172),A:LINE-(379,175),A
 2080 LINE(379,175)-(375,178),A:LINE-(371,180),A:LINE-(366,181),F:LINE-(358,183),
 F:LINE-(351,185),F:LINE-(344,187),F:LINE-(339,189),F:LINE-(332,192),F:LINE-(327,
 194),F:LINE-(323,196),F:LINE-(321,197),F:LINE-(318,199),F
 2090 LINE(353,199)-(365,195),F:LINE-(376,191),F:LINE-(380,190),A:LINE-(383,189),
 A:LINE-(386,187),A:LINE-(392,184),A:LINE-(398,182),A:LINE-(403,180),A:LINE-(412,
 176),A:LINE-(422,172),A:LINE-(430,168),A:LINE-(438,165),A:LINE-(443,162),A
 2100 LINE(443,162)-(447,160),A:LINE-(452,157),A:LINE-(454,155),A
 2110 ' ヒタリ ア
 2120 LINE(460,156)-(461,158),A:LINE-(463,161),A:LINE-(466,165),A:LINE-(469,168),
 A:LINE-(472,170),A:LINE-(476,173),A:LINE-(480,176),A:LINE-(486,180),A:LINE-(490,
 183),A:LINE-(496,186),A:LINE-(500,189),A:LINE-(504,192),A:LINE-(506,194),A
 2130 LINE(504,193)-(500,193),F:LINE-(494,194),F:LINE-(489,195),F:LINE-(482,197),
 F:LINE-(478,198),F:LINE-(475,199),F
 2140 LINE(504,151)-(506,155),A:LINE-(512,162),A:LINE-(516,168),A:LINE-(520,174),
 A:LINE-(524,181),A:LINE-(526,186),A:LINE-(527,191),A:LINE-(528,193),A:LINE-(528,
 196),A:LINE-(526,199),A
 2150 ' フ-ツ ノ フ ミキ-ヒタリ
 2160 LINE(367,181)-(366,183),F:LINE-(364,186),F:LINE-(360,190),F:LINE-(364,188),
 F:LINE-(362,190),F:LINE-(362,193),F:LINE-(368,192),F:LINE-(375,191),F
 2170 LINE(504,193)-(504,199),F:LINE-(506,198),F:LINE-(505,199),F
 2180 LINE(481,133)-(479,134),A ' オ
 2200 ' カミ ノ モロ [クソカミ]
 2210 LINE(536,61)-(543,62),E:LINE-(549,64),E:LINE-(556,67),E:LINE-(560,70),E:LIN
 E-(562,73),E:LINE-(562,76),E:LINE-(564,79),E:LINE-(568,83),E:LINE-(570,86),E:LIN
 E-(566,84),E:LINE-(562,84),E:LINE-(560,86),E:LINE-(562,88),E:LINE-(565,91),E
 2220 LINE(565,91)-(570,93),E:LINE-(572,93),E:LINE-(576,90),E:LINE-(584,96),E:LIN
 E-(590,99),E:LINE-(595,102),E:LINE-(597,106),E:LINE-(599,109),E:LINE-(598,112),E
 :LINE-(596,109),E:LINE-(591,105),E:LINE-(587,103),E:LINE-(584,103),E
 2230 LINE(584,103)-(580,104),E:LINE-(578,106),E:LINE-(576,109),E:LINE-(576,111),
 E:LINE-(578,114),E:LINE-(582,117),E:LINE-(588,119),E:LINE-(594,117),E:LINE-(590,
 120),E:LINE-(583,124),E:LINE-(576,126),E:LINE-(572,127),E
 2240 LINE(552,129)-(550,130),E:LINE-(538,132),E:LINE-(526,132),E:LINE-(536,130)-(5
 26,132),E:LINE-(520,133),E:LINE-(509,133),E
 2250 ' [クソカミ]
 2260 LINE(536,86)-(532,94),E:LINE-(529,97),E:LINE-(525,100),E:LINE-(522,102),E:L
 INE-(519,104),E:LINE-(518,106),E:LINE-(522,104),E:LINE-(518,107),E:LINE-(516,110
),E:LINE-(516,114),E:LINE-(517,116),E
 2270 ' マカミ ヒタリ
 2280 LINE(520,63)-(530,62),E:LINE-(540,65),E:LINE-(543,67),E:LINE-(548,72),E:LIN
 E-(550,75),E:LINE-(552,80),E
 2290 LINE(520,63)-(520,65),E:LINE-(522,67),E:LINE-(526,69),E:LINE-(531,71),E:LIN
 E-(534,73),E:LINE-(538,76),E:LINE-(538,78),E:LINE-(540,77),E:LINE-(540,76),E:LIN
 E-(538,73),E:LINE-(535,70),E:LINE-(534,69),E:LINE-(534,68),E:LINE-(538,70),E

2300 LINE(538,70)-(541,73),E:LINE-(544,76),E:LINE-(546,82),E:LINE-(545,85),E
 2310 ' ヲソカ*ミ ミキ
 2320 LINE(460,100)-(462,98),E:LINE-(458,99),E:LINE-(462,96),E:LINE-(468,94),E:LI
 NE-(465,94),E:LINE-(468,93),E:LINE-(482,92),E:LINE-(490,91),E:LINE-(488,92),E:LI
 NE-(482,97),E:LINE(492,96)-(499,94),E
 2330 LINE(469,115)-(466,117),E:LINE-(466,120),E:LINE-(469,122),E
 2400 ' イロイ (ヲル ,77)
 2410 LINE(106,71)-(106,68),H:LINE-(114,59),H:LINE-(118,56),H:LINE-(124,58),H:LIN
 E-(128,62),H:LINE-(142,66),H
 2420 LINE(94,76)-(102,76),H:LINE-(123,81),H:LINE(96,101)-(104,90),H:LINE-(108,85
),H:LINE-(113,82),H
 2430 LINE(128,92)-(135,98),H:LINE-(138,98),H:LINE-(142,101),H:LINE-(160,109),H:L
 INE-(166,113),H:LINE-(172,119),H:LINE-(175,125),H:LINE-(181,129),H:LINE-(192,137
),H:LINE-(200,141),H:LINE-(211,148),H
 2440 LINE(175,85)-(182,85),H:LINE-(188,86),H:LINE-(202,89),H:LINE-(206,90),H:LIN
 E-(206,92),H:LINE-(201,97),H:LINE-(200,100),H:LINE-(198,105),H:LINE-(196,115),H:
 LINE-(196,125),H
 2450 ' イル (カミ/ケ ミキ*マ)
 2460 LINE(264,100)-(262,102),H:LINE-(261,106),H:LINE-(261,112),H:LINE-(262,114),
 H:LINE-(264,117),H:LINE-(269,122),H:LINE-(283,130),H:LINE-(290,134),H:LINE-(292,
 135),H:LINE-(294,138),H
 2470 LINE(264,95)-(244,89),H:LINE-(237,87),H:LINE-(229,83),H:LINE-(226,80),H:LIN
 E-(220,76),H:LINE-(216,72),H:LINE-(210,64),H:LINE-(208,59),H:LINE-(208,56),H:LIN
 E-(210,51),H:LINE-(213,47),H:LINE-(215,45),H
 2480 LINE(215,45)-(214,49),H:LINE-(214,56),H:LINE-(216,62),H:LINE-(216,57),H:LIN
 E-(220,48),H:LINE-(222,44),H:LINE-(226,40),H:LINE-(230,37),H:LINE-(235,33),H:LIN
 E-(240,31),H:LINE-(238,33),H:LINE-(236,36),H:LINE-(234,44),H:LINE-(234,49),H
 2490 LINE(234,49)-(236,55),H:LINE-(239,59),H:LINE-(242,62),H:LINE-(247,66),H:LIN
 E-(251,69),H:LINE-(256,71),H:LINE-(252,67),H:LINE-(248,62),H:LINE-(244,55),H:LIN
 E-(244,50),H:LINE-(245,45),H:LINE-(248,41),H:LINE-(257,31),H:LINE-(261,28),H
 2500 LINE(261,28)-(258,35),H:LINE-(255,47),H:LINE-(254,51),H:LINE-(256,54),H:LIN
 E-(260,58),H:LINE-(264,62),H:LINE-(272,68),H:LINE-(278,70),H:LINE-(276,67),H:LIN
 E-(273,60),H:LINE-(270,51),H:LINE-(270,38),H:LINE-(271,34),H:LINE-(274,29),H
 2510 LINE(274,29)-(276,27),H:LINE-(280,25),H:LINE-(281,30),H:LINE-(287,36),H:LIN
 E-(294,42),H:LINE-(292,34),H:LINE-(290,28),H:LINE-(289,25),H:LINE-(291,22),H:LIN
 E-(293,20),H:LINE-(298,24),H
 2520 ' イル/カミ ヲ
 2530 LINE(374,32)-(378,31),H:LINE-(392,31),H:LINE-(381,25),H:LINE-(367,19),H:LIN
 E-(360,17),H:LINE-(351,15),H:LINE-(341,13),H:LINE-(360,13),H:LINE-(380,15),H:LIN
 E-(400,19),H:LINE-(407,20),H
 2540 LINE(407,20)-(404,16),H:LINE-(401,14),H:LINE-(397,12),H:LINE-(395,11),H:LIN
 E-(398,11),H:LINE-(405,13),H:LINE-(411,15),H:LINE-(416,17),H:LINE-(422,21),H
 2550 ' ヒタ*リ
 2560 LINE(367,56)-(369,50),H:LINE-(370,49),H
 2570 LINE(373,49)-(372,51),H:LINE-(374,57),H:LINE-(378,62),H:LINE-(388,71),H:LIN
 E-(401,77),H:LINE-(410,80),H:LINE-(416,81),H:LINE-(422,81),H:LINE-(411,77),H:LIN
 E-(407,75),H:LINE-(403,73),H:LINE-(402,72),H:LINE-(410,75),H:LINE-(418,77),H
 2580 LINE(418,77)-(411,74),H:LINE-(406,71),H:LINE-(403,69),H:LINE-(399,68),H:LIN
 E-(395,66),H:LINE-(392,64),H:LINE-(388,58),H:LINE-(388,51),H
 2590
 2600 LINE(384,110)-(384,104),H:LINE-(386,99),H:LINE-(394,89),H:LINE-(398,85),H:L
 INE-(397,90),H:LINE-(394,95),H:LINE-(390,101),H:LINE-(390,110),H:LINE-(392,114),
 H:LINE-(397,120),H:LINE-(394,113),H:LINE-(393,109),H:LINE-(393,106),H
 2610 LINE(393,106)-(396,103),H:LINE-(395,106),H:LINE-(395,110),H:LINE-(394,115),
 H:LINE-(400,118),H:LINE-(404,121),H:LINE-(408,125),H:LINE-(410,128),H:LINE-(412,
 124),H:LINE-(412,121),H:LINE-(411,119),H:LINE-(408,116),H:LINE-(402,111),H
 2620 LINE(402,111)-(400,109),H:LINE-(400,100),H:LINE-(402,93),H:LINE-(406,85),H:
 LINE-(410,80),H
 2630 ' カミ ヲソ
 2640 LINE(454,80)-(457,86),H:LINE-(456,89),H:LINE-(454,93),H:LINE-(446,97),H:LIN
 E-(437,101),H:LINE-(431,104),H:LINE-(425,106),H
 2650 LINE(456,80)-(461,81),H:LINE-(466,85),H:LINE-(468,88),H:LINE(474,88)-(478,8
 4),H:LINE-(479,80),H
 2660 LINE(484,89)-(484,83),H:LINE-(482,79),H:LINE-(486,82),H:LINE-(488,85),H:LIN
 E-(489,89),H
 2670
 2680 LINE(440,117)-(432,124),H:LINE-(426,129),H:LINE-(420,132),H:LINE-(431,128),
 H:LINE-(438,125),H:LINE-(444,121),H:LINE-(451,116),H
 2690 ' ハ*ラ ノ ハ
 2700 LINE(430,51)-(424,48),H:LINE-(419,44),H:LINE-(416,40),H:LINE-(413,37),H:LIN
 E-(415,36),H:LINE-(418,36),H:LINE-(422,35),H:LINE-(430,31),H:LINE-(434,30),H

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2710 LINE(471,25)-(476,23),H:LINE-(480,22),H:LINE-(488,20),H:LINE-(492,20),H:LIN
E-(492,21),H:LINE-(490,23),H:LINE-(488,26),H:LINE-(488,27),H:LINE-(490,29),H:LIN
E-(492,32),H:LINE-(491,34),H:LINE-(490,36),H:LINE-(486,39),H:LINE-(483,39),H
2720 LINE(510,40)-(509,42),H:LINE-(510,44),H:LINE-(514,50),H:LINE-(514,53),H:LIN
E-(509,56),H:LINE-(504,57),H
2730 LINE(484,47)-(488,53),H:LINE-(492,56),H:LINE-(493,59),H:LINE-(490,62),H:LIN
E-(480,70),H:LINE-(477,72),H
2740 LINE(467,60)-(463,65),H:LINE-(460,67),H:LINE-(450,65),H:LINE-(443,63),H:LIN
E-(435,61),H:LINE-(430,59),H
2750 LINE(478,43)-(472,47),H:LINE-(462,51),H:LINE-(452,55),H:LINE-(444,51),H:LIN
E-(441,48),H:LINE-(441,47),H:LINE-(443,45),H:LINE-(446,43),H:LINE-(446,39),H:LIN
E-(448,36),H:LINE-(452,33),H:LINE-(459,31),H
2760 'カオノカケリ. ミキ*メ-ハナ-ヒタ*リメ
2770 LINE(264,100)-(266,100),H:LINE-(270,98),H:LINE-(275,96),H:LINE-(275,95),H:L
INE-(270,94),H:LINE-(264,94),H
2780 LINE(288,102)-(292,101),H:LINE-(296,99),H:LINE-(296,98),H:LINE-(294,97),H:L
INE-(290,96),H:LINE-(284,95),H:LINE-(280,94),H
2790 LINE(389,79)-(386,80),H:LINE-(376,83),H:LINE-(366,85),H:LINE-(350,88),H:LIN
E-(352,89),H:LINE-(366,90),H:LINE-(374,90),H:LINE-(384,89),H
2800 'ウナ*ノカケリ
2810 LINE(380,69)-(382,73),H:LINE-(388,77),H:LINE-(390,79),H:LINE-(389,82),H:LIN
E-(386,86),H:LINE-(382,91),H:LINE-(378,97),H:LINE-(377,100),H:LINE-(377,103),H:L
INE-(378,108),H:LINE-(380,111),H:LINE-(382,118),H:LINE-(386,132),H:LINE-(385,139
),H
2820 LINE(385,139)-(380,148),H:LINE-(376,153),H:LINE-(370,158),H:LINE-(364,163),
H:LINE-(356,168),H:LINE-(346,172),H:LINE-(332,177),H:LINE-(334,179),H:LINE-(340,
180),H:LINE-(360,180),H:LINE-(375,179),H
2830 'フコ*ノミタ
2840 LINE(321,141)-(324,139),H:LINE-(328,137),H:LINE-(338,133),H:LINE-(346,130),
H:LINE-(360,125),H:LINE-(355,126),H
2850 'サコ
2860 LINE(298,170)-(305,170),H:LINE-(296,167),H:LINE-(288,165),H:LINE-(282,163),
H:LINE-(278,162),H:LINE-(278,164),H:LINE-(286,166),H:LINE-(292,168),H:LINE-(298,
170),H
2870 'フキ
2880 LINE(215,174)-(218,170),H:LINE-(230,161),H:LINE-(236,159),H:LINE-(238,159),
H:LINE-(238,161),H:LINE-(237,163),H
2890 LINE(302,74)-(308,69),H:LINE-(310,67),H:LINE-(320,62),H:LINE(350,53)-(356,5
3),H:LINE-(361,56),H 'マカ*ミノカケ"
2900 'ラムウテ*ノカケ" ミキ* - ヒタ*リ
2910 LINE(442,108)-(473,102),H:LINE(420,119)-(443,114),H:LINE-(463,109),H:LINE-(
480,106),H
2920 LINE(578,134)-(570,138),H:LINE-(548,147),H:LINE-(532,154),H:LINE-(530,157),
H
2930 'ミキ*アミノカケリ
2940 LINE(362,193)-(378,185),H:LINE-(398,174),H:LINE-(420,161),H:LINE-(437,152),
H:LINE-(452,146),H
2950 'ヒタ*リアミノカケリ
2960 LINE(476,153)-(488,166),H:LINE-(500,180),H:LINE-(510,194),H:LINE-(506,198),
H
2990 LOAD "TERA.1B",R

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うる星やつら オンリー・ユー プログラムリスト②

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10 '*****
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30 '*      ウルセイツラ オンリー・ユー      {LUM2} No 2 *
40 '*      1983年 7月 28日
50 '*      by      T. Terashima *
60 '*
70 '*****
80
90 SCREEN 0,0:CONSOLE 0,25,0,1:WIDTH 80,25
100 'SCREEN 3,0:WINDOW(0,0)-(639,199):VIEW(0,0)-(639,399)
3000 'カラー コート [ タイル パターン ]
3010 TILE1$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF):TILE2$=CHR$(&H0)+CHR$(&H0)+CHR$(&HF
F)
3020 TILE3$=CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)+CHR$(&H55):TILE6$
=CHR$(&H88)+CHR$(&HFF)+CHR$(&HAA)+CHR$(&H22)+CHR$(&HFF)+CHR$(&H55)
3030 TILE4$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF):TILE5$=CHR$(&HFF)+CHR$(&H0)+CHR$(&H
0):TILE9$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H0)+CHR$(&H55)+CHR$(&HFF)+CHR$(&H0)

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3040 TILE7$=CHR$(&H88)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H22)+CHR$(&HFF)+CHR$(&HFF):TILE8$=CHR$(&H0)+CHR$(&H55)+CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)
3050 PAINT(50,100),TILE5$,0:PAINT(180,100),TILE5$,0:PAINT(420,140),TILE5$,0:PAINT(460,170),TILE5$,0
3060 TILE10$=CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&HAA)+CHR$(&HFF):TILE11$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H55)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HAA)
3090 A=7:B=2:C=3:D=4:E=5:F=6:G=1:H=0
3100 ' アイント [ アタル ]
3110 PAINT(140,20),TILE8$,0:PAINT(140,80),2,0:PAINT(100,90),7,0:PAINT(120,87),TILE9$,0:PAINT(110,96),TILE9$,0:PAINT(110,106),TILE9$,0:PAINT(129,82),4,0:PAINT(172,91),4,0
3120 PAINT(150,30),TILE7$,0:PAINT(160,63),TILE7$,0:PAINT(150,43),TILE7$,0:PAINT(130,35),TILE7$,0
3130 LINE(192,124)-(196,129),0:PAINT(130,70),TILE10$,0:PAINT(110,79),TILE10$,0:PAINT(110,89),TILE10$,0:PAINT(190,140),TILE10$,0:PAINT(190,110),TILE10$,0
3200 ' エル
3210 PAINT(260,20),TILE6$,0:PAINT(340,100),TILE1$,0:PAINT(340,25),5,0:PAINT(340,53),5,0:PAINT(400,90),TILE6$,0:PAINT(395,70),TILE6$,0:PAINT(440,125),TILE6$,0:PAINT(440,190),TILE1$,0:PAINT(440,90),TILE1$,0:PAINT(170,190),2,0:PAINT(210,190),2,0
3220 PAINT(280,50),2,0:PAINT(280,125),2,0:PAINT(400,122),2,0:PAINT(391,95),2,0:PAINT(372,60),2,0:PAINT(400,65),2,0:PAINT(410,100),2,0:PAINT(440,120),2,0:PAINT(470,85),2,0:PAINT(491,85),2,0:PAINT(400,25),2,0
3230 PAINT(365,52),TILE6$,0:PAINT(440,102),TILE6$,0:PAINT(460,85),TILE6$,0:PAINT(480,85),TILE6$,0:PAINT(490,85),TILE6$,0
3240 PAINT(430,40),TILE10$,0:PAINT(450,40),TILE10$,0:PAINT(450,63),TILE10$,0:PAINT(460,50),TILE10$,0:PAINT(480,60),TILE10$,0:PAINT(480,25),TILE10$,0:PAINT(505,50),TILE10$,0
3250 PAINT(390,150),TILE7$,0:PAINT(330,133),TILE7$,0:PAINT(230,165),TILE7$,0:PAINT(299,169),TILE7$,0:PAINT(279,163),TILE7$,0:PAINT(285,165),TILE7$,0:PAINT(370,87),TILE11$,0:PAINT(268,96),TILE11$,0
3260 PAINT(306,68),TILE11$,0:PAINT(358,52),TILE11$,0:PAINT(382,68),2,0:PAINT(486,85),2,0:PAINT(414,77),2,0:PAINT(411,76),2,0:PAINT(394,108),2,0:PAINT(399,12),2,0:PAINT(429,128),2,0:PAINT(279,163),TILE7$,0:PAINT(282,164),TILE7$,0
3300 ' ラム
3310 PAINT(510,85),TILE4$,0:PAINT(480,130),TILE4$,0:PAINT(440,113),TILE4$,0:PAINT(540,110),TILE4$,0:PAINT(420,160),TILE4$,0:PAINT(500,170),TILE4$,0:PAINT(540,90),TILE4$,0
3320 PAINT(480,115),6,0:PAINT(510,120),6,0:PAINT(470,150),6,0:PAINT(340,195),6,0:PAINT(490,198),6,0
3330 PAINT(600,120),TILE2$,0:PAINT(540,135),TILE2$,0:PAINT(460,114),TILE2$,0:PAINT(470,90),TILE2$,0:PAINT(514,65),TILE2$,0:PAINT(530,100),TILE2$,0
3340 PAINT(530,65),TILE3$,0:PAINT(560,100),TILE3$,0:PAINT(540,125),TILE3$,0:PAINT(469,118),TILE3$,0:PAINT(475,95),TILE3$,0:PAINT(500,96),TILE3$,0:PAINT(520,100),TILE3$,0
3350 PAINT(550,67),TILE3$,0:PAINT(549,71),TILE2$,0:PAINT(537,63),TILE2$,0:PAINT(542,65),TILE2$,0:PAINT(454,100),TILE2$,0
3360 PAINT(463,105),TILE7$,0:PAINT(450,113),TILE7$,0:PAINT(430,160),TILE7$,0:PAINT(480,170),TILE7$,0:PAINT(540,155),TILE7$,0:PAINT(570,140),TILE7$,0
3370 PAINT(451,107),TILE7$,0:PAINT(430,118),TILE7$,0:PAINT(424,119),TILE7$,0
3670 PAINT(292,167),TILE7$,0:PAINT(289,166),TILE7$,0
4000 ' アタル ノ カオ [ メ ヒタ"リ-ミキ" ]
4010 LINE(162,32)-(162,27),A:LINE-(160,25),A:LINE-(158,26),A:LINE-(157,27),A:LINE-(158,33),A:LINE-(160,33),A:LINE-(162,32),A:PAINT(160,30),7,7:CIRCLE(160,31),1,0,...,1/1
4020 LINE(162,27)-(160,25),H:LINE-(158,26),H:LINE-(157,27),H:LINE(158,33)-(160,33),H:LINE-(162,32),H
4030 LINE(148,34)-(147,29),A:LINE-(146,28),A:LINE-(144,27),A:LINE-(142,28),A:LINE-(140,32),A:LINE-(142,34),A:LINE-(148,34),A:PAINT(145,32),7,7:CIRCLE(146,32),1,0,...,1/1
4040 LINE(147,29)-(146,28),H:LINE-(144,27),H:LINE-(142,28),H:LINE-(140,32),H:LINE(142,34)-(148,34),H:PAINT(160,31),0,0:PAINT(146,32),0,0
4050 LINE(159,36)-(160,35),H:LINE-(158,34),H:LINE(150,39)-(154,40),H:LINE-(156,40),H:LINE-(158,38),H:LINE-(154,38),H:LINE-(150,39),H:PAINT(155,39),2,H
4060 ' エル ノ カオ [ メ ヒタ"リ-ミキ" ]
4070 LINE(332,86)-(334,87),H:LINE-(336,87),H:LINE-(342,86),H:LINE-(351,85),H:LINE-(363,83),H:LINE-(368,82),H:LINE-(370,81),H:LINE-(374,77),H:LINE-(374,74),H:LINE-(373,72),H:LINE-(372,71),H:LINE-(368,69),H:LINE-(366,69),H:LINE-(360,70),H
4080 LINE(360,70)-(350,71),H:LINE-(342,72),H:LINE-(336,73),H:LINE-(329,75),H:LINE-(327,76),H:LINE-(328,81),H:LINE-(332,86),H:PAINT(340,80),7,H:LINE(332,86)-(328,81),A:LINE-(327,76),A:PSET(327,76),H:PSET(332,86),H

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4090 LINE(327,76)-(324,73),H:LINE-(330,71),H:LINE-(342,69),H:LINE-(350,68),H:LINE-(360,67),H:LINE-(370,67),H:LINE-(372,69),H:LINE-(374,70),H:LINE-(374,74),H:PAINT(345,70),H,H
 4100 LINE(321,71)-(326,70),H:LINE-(336,68),H:LINE-(343,67),H:LINE-(354,66),H:LINE-(370,67),H
 4110 LINE(363,83)-(357,82),H:LINE-(354,81),H:LINE-(350,77),H:LINE-(350,74),H:LINE-(354,70),H:PAINT(362,76),5,H:CIRCLE(362,76),2,0,,,1/.8:PAINT(362,76),0,0:CIRCLE(357,74),2,7,,,1/.8:PAINT(357,74),7,7
 4120 ミキメ
 4130 LINE(269,90)-(272,91),H:LINE-(280,91),H:LINE-(286,90),H:LINE-(288,88),H:LINE-(288,86),H:LINE-(286,84),H:LINE-(285,83),H:LINE-(280,82),H:LINE-(264,82),H:LINE-(264,84),H:LINE-(264,85),H:LINE-(266,88),H:LINE-(269,90),H:PAINT(270,85),7,H
 4140 LINE(264,84)-(260,81),H:LINE-(260,80),H:LINE-(264,79),H:LINE-(272,79),H:LINE-(278,80),H:LINE-(282,81),H:LINE-(285,83),H:LINE(264,85)-(266,88),A:LINE-(269,90),A:PSET(269,90),0:PAINT(270,80),0,H
 4150 LINE(258,78)-(262,77),H:LINE-(268,77),H:LINE-(280,79),H:LINE-(286,83),H:LINE(276,82)-(274,84),H:LINE-(274,85),H:LINE-(276,88),H:LINE-(280,90),H:LINE-(286,90),H:PAINT(282,86),5,H
 4160 CIRCLE(282,86),2,0,,,1/.8:PAINT(282,86),0,0:CIRCLE(279,84),1,7,,,1/.8:PAINT(279,84),7,7
 4170 ヲケ
 4180 LINE(312,68)-(316,66),H:LINE-(322,65),H:LINE-(332,63),H:LINE-(348,60),H:LINE-(362,60),H:LINE-(370,61),H:LINE(312,68)-(316,68),H:LINE-(328,65),H:LINE-(342,62),H:LINE-(354,60),H:LINE(312,68)-(351,60),H:LINE(289,98)-(290,98),H:LINE-(293,99),H
 4190 ハナ
 4200 LINE(288,102)-(288,101),H:LINE-(282,98),H:LINE-(280,96),H:LINE-(279,95),H:LINE-(280,94),H:LINE-(282,93),H:LINE-(285,92),H:LINE-(287,91),H:PAINT(286,97),TILE7#,H:PAINT(293,98),TILE7#,H
 4210 クチ
 4220 LINE(318,111)-(306,110),H:LINE-(302,109),H:LINE-(300,109),H:LINE-(298,110),H:LINE-(296,110),H:LINE-(292,109),H:LINE-(291,111),H:LINE-(294,112),H:LINE-(295,113),H:LINE-(294,114),H:LINE-(294,115),H:LINE-(296,116),H:LINE-(300,117),H
 4230 LINE(300,117)-(304,117),H:LINE-(308,116),H:LINE-(314,113),H:LINE-(318,111),H:PAINT(300,113),2,0
 4240 LINE(295,113)-(302,111),H:LINE-(310,112),H:LINE-(318,111),H
 4250 マツケ
 4260 LINE(368,67)-(378,64),H:LINE(371,68)-(378,67),H:LINE(372,69)-(378,69),H:LINE(374,71)-(380,72),H:LINE(374,74)-(380,74),H:LINE(370,81)-(374,81),H:LINE(372,79)-(376,79),H
 4270 LINE(324,73)-(317,72),H:LINE(326,75)-(318,75),H:LINE(327,76)-(322,77),H
 4280 LINE(264,79)-(260,76),H:LINE(260,80)-(254,78),H:LINE(260,82)-(255,81),H:LINE(269,90)-(267,91),H:LINE(272,91)-(268,92),H:LINE(262,83)-(258,84),H
 4290 ラムノカオ [メヒタリ-ミキ]]
 4300 LINE(517,84)-(526,84),H:LINE-(530,82),H:LINE-(530,81),H:LINE-(526,80),H:LINE-(520,79),H:LINE-(516,79),H:LINE-(516,83),H:LINE-(517,84),H:PAINT(522,82),7,H:LINE(516,83)-(516,80),A:
 4310 CIRCLE(519,81),2,0,,,1/.8:PAINT(519,81),0,0:PSET(519,81),7:LINE(518,78)-(526,79),G:LINE-(531,81),G
 4320 ミキメ
 4330 LINE(498,81)-(500,82),H:LINE-(502,82),H:LINE-(503,80),H:LINE-(502,78),H:LINE-(500,76),H:LINE-(498,76),H:LINE-(496,77),H:LINE-(496,78),H:LINE-(498,81),H:PAINT(500,80),7,H:LINE(496,78)-(498,81),A:PSET(496,78),H:PSET(498,81),H
 4340 CIRCLE(499,79),2,0,,,1/.8:PAINT(499,79),0,0:PSET(499,79),7:LINE(496,77)-(498,76),G:LINE-(500,76),G:LINE-(503,78),G
 4350 ヲケ
 4360 LINE(498,75)-(502,76),H:LINE-(504,78),H:LINE(518,77)-(526,77),H
 4370 ハナトクチ
 4380 LINE(500,85)-(501,83),H:LINE-(503,83),H:LINE(501,88)-(502,89),B:LINE-(504,90),B:LINE-(506,90),B:LINE-(506,89),B:LINE-(502,88),B:PAINT(503,89),2,2:LINE(502,91)-(504,92),H:LINE-(506,91),H
 4390 フラノモヨ
 4400 LINE(480,108)-(482,109),H:LINE-(484,111),H:LINE-(487,113),H:LINE-(490,115),H:LINE-(488,115),H:LINE-(486,114),H:LINE-(482,112),H:LINE-(480,110),H:LINE-(476,109),H:PAINT(481,110),0,0
 4410 LINE(472,110)-(476,111),H:LINE-(484,115),H:LINE-(490,117),H:LINE-(486,116),H:LINE-(480,115),H:LINE-(474,113),H:LINE-(468,110),H:PAINT(475,112),0,0
 4420 LINE(467,112)-(475,115),H:LINE-(480,116),H:LINE-(486,117),H:LINE(480,117)-(470,115),H
 4430 LINE(499,117)-(516,117),H:LINE-(522,118),H:LINE-(530,120),H:LINE-(522,117),H:PAINT(509,116),0,0
 4440 LINE(504,118)-(520,119),H:LINE-(527,121),H:LINE-(504,118),H:PAINT(520,120),0,0

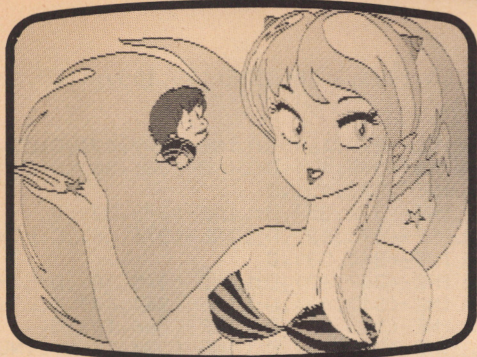
4450 LINE(502,119)-(510,121),H:LINE-(520,122),H:LINE-(530,122),H:LINE(502,119)-(510,122),H:LINE-(526,124),H:PAINT(520,123),0,0
 4460 ' ハンテ / ㊦㊧
 4470 LINE(486,148)-(496,150),H:LINE-(505,150),H:LINE(446,134)-(460,140),H:LINE-(484,147),H:LINE-(492,148),H:LINE-(496,148),H:LINE(440,136)-(483,151),H:LINE-(480,150),H:LINE-(452,142),H:LINE(442,137)-(460,144),H
 4480 LINE(456,147)-(465,150),H:LINE-(475,152),H:LINE-(470,152),H:LINE-(455,148),H:LINE(456,150)-(467,154),H:LINE-(464,154),H:LINE-(456,151),H:LINE(490,148)-(470,144),H
 4490 ' フ-ツ / ㊦㊧ [ミキ]
 4500 LINE(362,182)-(354,194),H:LINE-(354,191),H:LINE-(358,183),H:PAINT(359,185),0,H:LINE(351,185)-(344,198),H:LINE-(343,196),H:LINE-(345,187),H:PAINT(346,190),0,H
 4510 LINE(340,189)-(335,199),H:LINE(333,192)-(333,199),H:PAINT(336,192),0,H:LINE(328,194)-(328,199),H:LINE(323,199)-(323,196),H:PAINT(326,197),0,H
 4520 LINE(365,195)-(358,195),H:LINE-(361,196),H:LINE(358,197)-(351,198),H:LINE-(353,199),H
 4530 ' ヒタリ ア
 4540 LINE(501,193)-(496,199),H:LINE(495,194)-(492,199),H:PAINT(497,195),0,H:LINE(490,195)-(487,199),H:LINE(484,196)-(482,199),H:PAINT(486,197),0,H
 4550 ' ハクセン
 4560 LINE(464,175)-(474,172),H:LINE(476,179)-(480,176),H:LINE(506,155)-(536,138),H:LINE(512,162)-(523,156),H:LINE(600,96)-(639,69),H:LINE(607,101)-(639,79),H
 4570 LINE(413,0)-(392,5),H:LINE(431,0)-(405,7),H:LINE(204,76)-(196,80),H:LINE(212,80)-(206,83),H:LINE(190,91)-(170,102),H:LINE(162,98)-(171,93),H:LINE(174,91)-(177,90),H
 4580 LINE(146,107)-(110,130),H:LINE-(84,150),H:LINE-(65,170),H:LINE-(54,185),H:LINE-(46,199),H
 4590 LINE(155,111)-(124,130),H:LINE-(96,152),H:LINE-(76,172),H:LINE-(66,186),H:LINE-(59,199),H
 4600 PAINT(100,144),A,H:PAINT(170,97),A,H:PAINT(205,80),A,H:PAINT(410,3),A,H:PAINT(620,90),A,H:PAINT(540,140),A,H:PAINT(472,175),A,H
 4610 ' ハナヒラ
 4620 LINE(140,115)-(138,115),B:LINE-(136,115),B:LINE-(138,117),B:LINE-(142,116),B:LINE-(140,115),B:PAINT(140,116),B,B
 4630 ' シュウセイ
 4640 PAINT(540,64),TILE2\$,0:PAINT(536,70),TILE2\$,0:PAINT(520,104),TILE2\$,0:PAINT(519,105),TILE2\$,0
 4650 PAINT(539,76),TILE3\$,0:PAINT(590,119),TILE3\$,0:PAINT(539,62),TILE3\$,0:PAINT(487,92),TILE3\$,0:PAINT(556,68),TILE3\$,0
 4660 PAINT(368,60),B,H:PAINT(305,65),G,H:PAINT(430,135),B,H:PAINT(427,135),G,H:PAINT(492,97),TILE1\$,H
 5000 ' カミ / ㊦㊧ [ツボ]
 5010 E=4
 5020 LINE(536,61)-(543,62),E:LINE-(549,64),E:LINE-(556,67),E:LINE-(560,70),E:LINE-(562,73),E:LINE-(562,76),E:LINE-(564,79),E:LINE-(568,83),E:LINE-(570,86),E:LINE-(566,84),E:LINE-(562,84),E:LINE-(560,86),E:LINE-(562,88),E:LINE-(565,91),E
 5030 LINE(565,91)-(570,93),E:LINE-(572,93),E:LINE-(576,90),E:LINE-(584,96),E:LINE-(590,99),E:LINE-(595,102),E:LINE-(597,106),E:LINE-(599,109),E:LINE-(598,112),E:LINE-(596,109),E:LINE-(591,105),E:LINE-(587,103),E:LINE-(584,103),E
 5040 LINE(584,103)-(580,104),E:LINE-(578,106),E:LINE-(576,109),E:LINE-(576,111),E:LINE-(578,114),E:LINE-(582,117),E:LINE-(588,119),E:LINE-(594,117),E:LINE-(590,120),E:LINE-(583,124),E:LINE-(576,126),E:LINE-(572,127),E
 5050 LINE(552,129)-(550,130),E:LINE-(538,132),E:LINE-(526,132),E:LINE(536,130)-(526,132),E:LINE-(520,133),E:LINE-(509,133),E
 5060 ' [ヨコカミ]
 5070 LINE(536,86)-(532,94),E:LINE-(529,97),E:LINE-(525,100),E:LINE-(522,102),E:LINE-(519,104),E:LINE-(518,106),E:LINE-(522,104),E:LINE-(518,107),E:LINE-(516,110),E:LINE-(516,114),E:LINE-(517,116),E
 5080 ' マカミ ヒタリ
 5090 LINE(520,63)-(530,62),E:LINE-(540,65),E:LINE-(543,67),E:LINE-(548,72),E:LINE-(550,75),E:LINE-(552,80),E
 5100 LINE(520,63)-(520,65),E:LINE-(522,67),E:LINE-(526,69),E:LINE-(531,71),E:LINE-(534,73),E:LINE-(538,76),E:LINE-(538,78),E:LINE-(540,77),E:LINE-(540,76),E:LINE-(538,73),E:LINE-(535,70),E:LINE-(534,69),E:LINE-(534,68),E:LINE-(538,70),E
 5110 LINE(538,70)-(541,73),E:LINE-(544,76),E:LINE-(546,82),E:LINE-(545,85),E
 5120 ' ヲボカミ ミキ
 5130 LINE(460,100)-(462,98),E:LINE-(458,99),E:LINE-(462,96),E:LINE-(468,94),E:LINE-(465,94),E:LINE-(468,93),E:LINE-(482,92),E:LINE-(490,91),E:LINE-(488,92),E:LINE-(482,97),E:LINE(492,96)-(499,94),E
 5140 LINE(469,115)-(466,117),E:LINE-(466,120),E:LINE-(469,122),E
 5150 '

5160 PSET(482,97),0:PSET(460,100),0:PSET(572,127),0:PSET(552,129),0:PSET(470,123),0:PSET(552,80),0:PSET(545,85),0:PSET(536,61),0:PSET(536,86),0:PSET(517,116),0
 6000 ' イロ (79% , 77)
 6010 H=7
 6020 LINE(106,71)-(106,68),H:LINE-(114,59),H:LINE-(118,56),H:LINE-(124,58),H:LINE-(128,62),H:LINE-(142,66),H
 6030 LINE(94,76)-(102,76),H:LINE-(123,81),H:LINE(96,101)-(104,90),H:LINE-(108,85),H:LINE-(113,82),H
 6040 LINE(128,92)-(135,98),H:LINE-(138,98),H:LINE-(142,101),H:LINE-(160,109),H:LINE-(166,113),H:LINE-(172,119),H:LINE-(175,125),H:LINE-(181,129),H:LINE-(192,137),H:LINE-(200,141),H:LINE-(211,148),H
 6050 LINE(175,85)-(182,85),H:LINE-(188,86),H:LINE-(202,89),H:LINE-(206,90),H:LINE-(206,92),H:LINE-(201,97),H:LINE-(200,100),H:LINE-(198,105),H:LINE-(196,115),H:LINE-(196,125),H
 6100 ' イル (カミ/ケ ミキ"-マ)イ
 6110 H=2
 6120 LINE(264,100)-(262,102),H:LINE-(261,106),H:LINE-(261,112),H:LINE-(262,114),H:LINE-(264,117),H:LINE-(269,122),H:LINE-(283,130),H:LINE-(290,134),H:LINE-(292,135),H:LINE-(294,138),H
 6130 LINE(264,95)-(244,89),H:LINE-(237,87),H:LINE-(229,83),H:LINE-(226,80),H:LINE-(220,76),H:LINE-(216,72),H:LINE-(210,64),H:LINE-(208,59),H:LINE-(208,56),H:LINE-(210,51),H:LINE-(213,47),H:LINE-(215,45),H
 6140 LINE(215,45)-(214,49),H:LINE-(214,56),H:LINE-(216,62),H:LINE-(216,57),H:LINE-(220,48),H:LINE-(222,44),H:LINE-(226,40),H:LINE-(230,37),H:LINE-(235,33),H:LINE-(240,31),H:LINE-(238,33),H:LINE-(236,36),H:LINE-(234,44),H:LINE-(234,49),H
 6150 LINE(234,49)-(236,55),H:LINE-(239,59),H:LINE-(242,62),H:LINE-(247,66),H:LINE-(251,69),H:LINE-(256,71),H:LINE-(252,67),H:LINE-(248,62),H:LINE-(244,55),H:LINE-(244,50),H:LINE-(245,45),H:LINE-(248,41),H:LINE-(257,31),H:LINE-(261,28),H
 6160 LINE(261,28)-(258,35),H:LINE-(255,47),H:LINE-(254,51),H:LINE-(256,54),H:LINE-(260,58),H:LINE-(264,62),H:LINE-(272,68),H:LINE-(278,70),H:LINE-(276,67),H:LINE-(273,60),H:LINE-(270,51),H:LINE-(270,38),H:LINE-(271,34),H:LINE-(274,29),H
 6170 LINE(274,29)-(276,27),H:LINE-(280,25),H:LINE-(281,30),H:LINE-(287,36),H:LINE-(294,42),H:LINE-(292,34),H:LINE-(290,28),H:LINE-(289,25),H:LINE-(291,22),H:LINE-(293,20),H:LINE-(298,24),H
 6180 ' イル/カミ ヲ
 6190 LINE(374,32)-(378,31),H:LINE-(392,31),H:LINE-(381,25),H:LINE-(367,19),H:LINE-(360,17),H:LINE-(351,15),H:LINE-(341,13),H:LINE-(360,13),H:LINE-(380,15),H:LINE-(400,19),H:LINE-(407,20),H
 6200 LINE(407,20)-(404,16),H:LINE-(401,14),H:LINE-(397,12),H:LINE-(395,11),H:LINE-(398,11),H:LINE-(405,13),H:LINE-(411,15),H:LINE-(416,17),H:LINE-(422,21),H
 6210 ' ヒタリ
 6220 LINE(367,56)-(369,50),H:LINE-(370,49),H
 6230 LINE(373,49)-(372,51),H:LINE-(374,57),H:LINE-(378,62),H:LINE-(388,71),H:LINE-(401,77),H:LINE-(410,80),H:LINE-(416,81),H:LINE-(422,81),H:LINE-(411,77),H:LINE-(407,75),H:LINE-(403,73),H:LINE-(402,72),H:LINE-(410,75),H:LINE-(418,77),H
 6240 LINE(418,77)-(411,74),H:LINE-(406,71),H:LINE-(403,69),H:LINE-(399,68),H:LINE-(395,66),H:LINE-(392,64),H:LINE-(388,58),H:LINE-(388,51),H
 6250
 6260 LINE(384,110)-(384,104),H:LINE-(386,99),H:LINE-(394,89),H:LINE-(398,85),H:LINE-(397,90),H:LINE-(394,95),H:LINE-(390,101),H:LINE-(390,110),H:LINE-(392,114),H:LINE-(397,120),H:LINE-(394,113),H:LINE-(393,109),H:LINE-(393,106),H
 6270 LINE(393,106)-(396,103),H:LINE-(395,106),H:LINE-(395,110),H:LINE-(394,115),H:LINE-(400,118),H:LINE-(404,121),H:LINE-(408,125),H:LINE-(410,128),H:LINE-(412,124),H:LINE-(412,121),H:LINE-(411,119),H:LINE-(408,116),H:LINE-(402,111),H
 6280 LINE(402,111)-(400,109),H:LINE-(400,100),H:LINE-(402,93),H:LINE-(406,85),H:LINE-(410,80),H
 6290 ' カミ ヲ
 6300 LINE(454,80)-(457,86),H:LINE-(456,89),H:LINE-(454,93),H:LINE-(446,97),H:LINE-(437,101),H:LINE-(431,104),H:LINE-(425,106),H
 6310 LINE(456,80)-(461,81),H:LINE-(466,85),H:LINE-(468,88),H:LINE-(474,88)-(478,84),H:LINE-(479,80),H
 6320 LINE(484,89)-(484,83),H:LINE-(482,79),H:LINE-(486,82),H:LINE-(488,85),H:LINE-(489,89),H
 6330
 6340 LINE(440,117)-(432,124),H:LINE-(426,129),H:LINE-(420,132),H:LINE-(431,128),H:LINE-(438,125),H:LINE-(444,121),H:LINE-(451,116),H
 6350 ' ハ"ラ ノ ハ
 6360 H=7
 6370 LINE(430,51)-(424,48),H:LINE-(419,44),H:LINE-(416,40),H:LINE-(413,37),H:LINE-(415,36),H:LINE-(418,36),H:LINE-(422,35),H:LINE-(430,31),H:LINE-(434,30),H
 6380 LINE(471,25)-(476,23),H:LINE-(480,22),H:LINE-(488,20),H:LINE-(492,20),H:LINE-(492,21),H:LINE-(490,23),H:LINE-(488,26),H:LINE-(488,27),H:LINE-(490,29),H:LINE-(492,32),H:LINE-(491,34),H:LINE-(490,36),H:LINE-(486,39),H:LINE-(483,39),H

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6390 LINE(510,40)-(509,42),H:LINE-(510,44),H:LINE-(514,50),H:LINE-(514,53),H:LIN
E-(509,56),H:LINE-(504,57),H
6400 LINE(484,47)-(488,53),H:LINE-(492,56),H:LINE-(493,59),H:LINE-(490,62),H:LIN
E-(480,70),H:LINE-(477,72),H
6410 LINE(467,60)-(463,65),H:LINE-(460,67),H:LINE-(450,65),H:LINE-(443,63),H:LIN
E-(435,61),H:LINE-(430,59),H
6420 LINE(478,43)-(472,47),H:LINE-(462,51),H:LINE-(452,55),H:LINE-(444,51),H:LIN
E-(441,48),H:LINE-(441,47),H:LINE-(443,45),H:LINE-(446,43),H:LINE-(446,39),H:LIN
E-(448,36),H:LINE-(452,33),H:LINE-(459,31),H
6430 ' カオノカケリ . ミキメ - ハナ - ヒタリメ
6440 LINE(264,100)-(266,100),H:LINE-(270,98),H:LINE-(275,96),H:LINE-(275,95),H:L
INE-(270,94),H:LINE-(264,94),H
6450 LINE(288,102)-(292,101),H:LINE-(296,99),H:LINE-(296,98),H:LINE-(294,97),H:L
INE-(290,96),H:LINE-(284,95),H:LINE-(280,94),H
6460 LINE(389,79)-(386,80),H:LINE-(376,83),H:LINE-(366,85),H:LINE-(350,88),H:LIN
E-(352,89),H:LINE-(366,90),H:LINE-(374,90),H:LINE-(384,89),H
6470 ' ウナシノカケリ
6480 LINE(380,69)-(382,73),H:LINE-(388,77),H:LINE-(390,79),H:LINE-(389,82),H:LIN
E-(386,86),H:LINE-(382,91),H:LINE-(378,97),H:LINE-(377,100),H:LINE-(377,103),H:L
INE-(378,108),H:LINE-(380,111),H:LINE-(382,118),H:LINE-(386,132),H:LINE-(385,139
),H
6490 LINE(385,139)-(380,148),H:LINE-(376,153),H:LINE-(370,158),H:LINE-(364,163),
H:LINE-(356,168),H:LINE-(346,172),H:LINE-(332,177),H:LINE-(334,179),H:LINE-(340,
180),H:LINE-(360,180),H:LINE-(375,179),H
6500 ' アコノシタ
6510 LINE(321,141)-(324,139),H:LINE-(328,137),H:LINE-(338,133),H:LINE-(346,130),
H:LINE-(360,125),H:LINE-(355,126),H
6520 ' サコツ
6530 LINE(298,170)-(305,170),H:LINE-(296,167),H:LINE-(288,165),H:LINE-(282,163),
H:LINE-(278,162),H:LINE-(278,164),H:LINE-(286,166),H:LINE-(292,168),H:LINE-(298,
170),H
6540 ' ナキ
6550 LINE(215,174)-(218,170),H:LINE-(230,161),H:LINE-(236,159),H:LINE-(238,159),
H:LINE-(238,161),H:LINE-(237,163),H
6560 LINE(302,74)-(308,69),H:LINE-(310,67),H:LINE-(320,62),H:LINE(350,53)-(356,5
3),H:LINE-(361,56),H ' マイカミノカケ
6600 ' ラムウチノカケ ミキ - ヒタリ
6610 LINE(442,108)-(473,102),H:LINE(420,119)-(443,114),H:LINE-(463,109),H:LINE-(
480,106),H
6620 LINE(578,134)-(570,138),H:LINE-(548,147),H:LINE-(532,154),H:LINE-(530,157),
H
6630 ' ミキアヲノカケリ
6640 LINE(362,193)-(378,185),H:LINE-(398,174),H:LINE-(420,161),H:LINE-(437,152),
H:LINE-(452,146),H
6650 ' ヒタリアヲノカケリ
6660 LINE(476,153)-(488,166),H:LINE-(500,180),H:LINE-(510,194),H:LINE-(506,198),
H
7000 ' シュウセイ
7010 ' アナ
7020 PSET(106,71),0:PSET(211,148),0:PSET(174,85),0
7100 ' イル
7110 PSET(264,100),0:PSET(264,94),0:PSET(294,138),0:PSET(298,24),0:PSET(374,32),
0:PSET(422,21),0:PSET(367,56),0:PSET(373,49),0:PSET(388,51),0:PSET(406,79),0:PSE
T(384,110),0:PSET(410,128),0:PSET(425,106),0:PSET(454,93),0
7120 LINE(454,80)-(456,80),0:PSET(468,88),0:PSET(474,88),0:PSET(484,89),0:PSET(4
89,89),0:PSET(479,80),0:PSET(482,79),0:PSET(440,117),0:PSET(280,94),0:PSET(288,1
02),0:PSET(302,74),0:PSET(380,70),0:PSET(375,178),0:PSET(237,163),0
7130 PSET(355,126),0:PSET(320,141),0:PSET(428,59),0:PSET(430,51),0:PSET(436,28),
0:PSET(467,60),0:PSET(459,31),0:PSET(483,39),0:PSET(476,72),0:PSET(504,57),0:PSE
T(510,40),0
7200 ' ラム
7210 PSET(442,108),0:PSET(474,102),0:PSET(532,157),0:PSET(362,193),0:PSET(476,15
3),0:PSET(506,194),0:PAINT(461,144),0,0:PAINT(457,148),0,0:PAINT(460,152),0,0
8000 GOTO 8000
8010 ' モリ ヒヨウシ
8020 PUT (10,150),KANJI(&H2426),PSET,2,1:PUT (40,150),KANJI(&H246B),PSET,2,1
8030 PUT (70,150),KANJI(&H4031),PSET,2,1:PUT (100,150),KANJI(&H2464),PSET,2,1
8040 PUT (130,150),KANJI(&H2444),PSET,2,1:PUT (160,150),KANJI(&H2469),PSET,2,1
8050 LOCATE 5,22:COLOR 3:PRINT "オシリ - ユ -"
8060 COLOR 7
8070 GOTO 8070

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うる星やつら ラムとテン

PC—8801/mk II

寺嶋龍彦

ラムとテンちゃんのラブ・ミー・モア!!

これも「オンリー・ユー」の作品と同じで、LINE文のかたまりのようなとても長いプログラムです。DATA文を使うことによって、もっとスッキリした小さなプログラムになるでしょう。

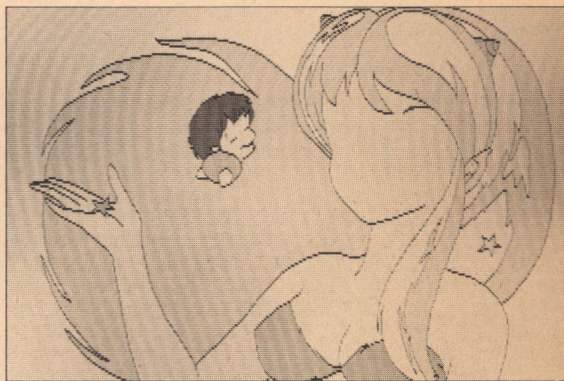
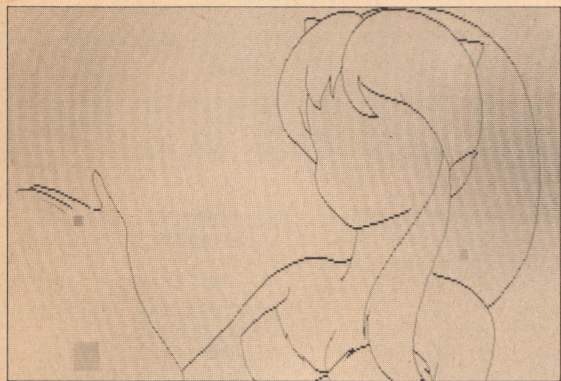
絵に関しては、「オンリー・ユー」のエルetcの作品とちがって、淡い中間色をフルに使った特徴ある作品に仕上がっています。とてもよくまとまった落ちついた作品なのですが、すこしメリハリにかけます。背景が淡い色な

ので、人物に少しでもシャドーが入ればひきしまったでしょう。あるいは、全体的にもう一段階濃い色でペイントされていれば、もっとよい作品になったと思います。

絵の描き方では、下左の写真を見てわかるように、最初に細かい部分をペイントして、後で修正しなくてすむような処理をしてあります。

これでもう少し、絵的にオリジナリティーが出てくるとよくなりますよ。

テンちゃんにしても、バックのラムちゃんの髪の色が単色なので、すぐに遠くにいるように見えてしまいます。もっとテンちゃんを大きくするか、あるいはラムちゃんの髪にシャドーを入れて、深みを出したら、グッとまとまりがあり、バランスのよいものになったのではないかと思います。



うる星やつら ラムとテン プログラムリスト

```

10  / *****
20  /*
30  /*      ウルセイ ヤツラ  [ ラブ・ミー・モア ]      *
40  /*      1983年  9月  日      *
50  /*      by  T . Terashima      *
60  /*
70  / *****
80  /
90  SCREEN 0,0:CONSOLE 0,25,0,1:WIDTH 80,25
100 /
110 A=0:B=0:C=0:D=0:E=0:F=0:G=0:H=0

```

リスト続く

120
 130 LINE(0,0)-(639,199),7,BF:LINE(135,165)-(160,178),3,BF:LINE(136,105)-(145,109),5,BF:LINE(524,123)-(532,127),3,BF
 200 ラム チャン (マカミ - ミキ)
 210 LINE(408,34)-(402,40),D:LINE-(400,43),D:LINE-(399,46),D:LINE-(399,49),D:LINE-(396,46),D:LINE-(396,38),D:LINE-(394,41),D:LINE-(388,47),D:LINE-(386,50),D:LINE-(386,54),D:LINE-(382,53),D:LINE-(378,51),D:LINE-(372,45),D
 220 LINE(372,45)-(371,43),D:LINE-(371,40),D:LINE-(372,35),D:LINE-(373,33),D
 230 LINE(373,47)-(372,53),D:LINE-(372,57),D:LINE-(374,62),D:LINE-(376,66),D:LINE-(370,63),D:LINE-(368,60),D:LINE-(366,56),D:LINE-(364,53),D
 240 LINE(381,80)-(360,70),D:LINE-(352,66),D:LINE-(347,62),D:LINE-(345,58),D:LINE-(343,55),D:LINE-(342,51),D:LINE-(342,46),D:LINE-(343,42),D:LINE-(344,40),D:LINE-(350,31),D:LINE-(353,29),D:LINE-(357,25),D:LINE-(362,22),D:LINE-(366,19),D
 250 LINE(366,19)-(374,15),D:LINE-(382,12),D:LINE-(386,10),D:LINE-(390,9),D:LINE-(398,7),D:LINE-(406,6),D:LINE-(420,6),D:LINE-(424,7),D:LINE-(427,8),D:LINE-(430,10),D
 260 マカミ - ヒナリ
 270 LINE(472,52)-(460,50),D:LINE-(447,48),D:LINE-(438,46),D:LINE-(435,45),D:LINE-(430,43),D:LINE-(426,41),D:LINE-(424,38),D:LINE-(424,42),D:LINE-(426,45),D:LINE-(430,49),D:LINE-(434,52),D:LINE-(439,56),D:LINE-(444,58),D:LINE-(438,58),D
 280 LINE(438,58)-(430,57),D:LINE-(426,56),D:LINE-(418,52),D:LINE-(414,49),D:LINE-(410,45),D:LINE-(409,42),D:LINE-(408,40),D:LINE-(407,36),D:LINE-(408,32),D:LINE-(409,28),D:LINE-(413,22),D:LINE-(416,19),D:LINE-(418,17),D:LINE-(422,14),D
 290 LINE(422,14)-(430,10),D:LINE-(436,8),D:LINE-(444,6),D:LINE-(450,5),D:LINE-(470,5),D:LINE-(478,6),D:LINE-(486,7),D:LINE-(491,8),D:LINE-(497,10),D:LINE-(502,11),D:LINE-(514,15),D:LINE-(517,17),D:LINE-(521,19),D:LINE-(525,21),D
 300 LINE(525,21)-(533,27),D:LINE-(537,31),D:LINE-(538,33),D:LINE-(541,36),D:LINE-(542,39),D:LINE-(544,44),D:LINE-(546,49),D:LINE-(547,53),D:LINE-(547,57),D:LINE-(546,65),D:LINE-(544,69),D:LINE-(540,75),D
 310 LINE(466,47)-(470,51),D:LINE-(472,52),D:LINE-(475,53),D:LINE-(480,55),D:LINE-(486,57),D:LINE-(491,60),D:LINE-(494,62),D:LINE-(498,65),D:LINE-(501,67),D:LINE-(504,70),D:LINE-(507,74),D:LINE-(511,79),D:LINE-(514,83),D
 320 オノリンカ
 330 LINE(375,66)-(376,68),G:LINE-(378,70),G:LINE-(380,73),G:LINE-(382,77),G:LINE-(382,80),G:LINE-(381,82),G:LINE-(380,87),G:LINE-(381,89),G:LINE-(382,91),G:LINE-(384,94),G:LINE-(386,96),G:LINE-(389,98),G:LINE-(392,100),G:LINE-(412,110),G
 340 LINE(412,110)-(415,111),G:LINE-(420,112),G:LINE-(424,112),G:LINE-(430,111),G:LINE-(446,109),G:LINE-(456,107),G:LINE-(467,105),G:LINE-(475,103),G
 350 クヒ
 360 LINE(420,112)-(422,114),G:LINE-(421,118),G:LINE-(420,120),G:LINE-(418,124),G:LINE-(417,126),G:LINE-(414,130),G:LINE-(410,134),G:LINE-(406,136),G
 370 ミミ
 380 LINE(514,84)-(516,83),G:LINE-(517,82),G:LINE-(522,80),G:LINE-(528,78),G:LINE-(534,76),G:LINE-(540,75),G:LINE-(542,76),G:LINE-(540,77),G:LINE-(537,79),G:LINE-(536,81),G:LINE-(536,84),G:LINE-(530,90),G:LINE-(527,92),G:LINE-(524,94),G
 390 LINE(524,94)-(519,96),G:LINE-(515,97),G
 400 カミナヒナリ
 410 LINE(507,74)-(507,78),D:LINE-(506,81),D:LINE-(504,84),D:LINE-(500,92),D:LINE-(496,96),D:LINE-(494,98),D:LINE-(490,101),D:LINE-(480,108),D:LINE-(475,112),D:LINE-(466,118),D:LINE-(462,120),D:LINE-(446,132),D:LINE-(440,137),D
 420 LINE(440,137)-(436,141),D:LINE-(434,144),D:LINE-(432,146),D:LINE-(430,149),D:LINE-(429,153),D:LINE-(428,156),D:LINE-(428,161),D:LINE-(429,164),D:LINE-(429,160),D:LINE-(430,157),D:LINE-(432,153),D:LINE-(434,151),D:LINE-(432,154),D
 430 LINE(432,154)-(432,164),D:LINE-(434,168),D:LINE-(436,171),D:LINE-(442,177),D:LINE-(445,179),D:LINE-(449,181),D:LINE-(453,183),D:LINE-(458,185),D:LINE-(466,187),D:LINE-(476,189),D:LINE-(479,189),D:LINE-(480,188),D:LINE-(482,189),D
 440 LINE(482,189)-(488,190),D:LINE-(490,189),D:LINE-(488,187),D:LINE-(484,184),D:LINE-(489,185),D:LINE-(486,183),D:LINE-(482,180),D:LINE-(478,174),D:LINE-(477,172),D:LINE-(477,165),D:LINE-(478,161),D:LINE-(480,155),D:LINE-(482,151),D
 450 LINE(482,151)-(488,142),D:LINE-(490,138),D:LINE-(492,135),D:LINE-(496,131),D:LINE-(504,121),D:LINE-(508,117),D:LINE-(510,113),D:LINE-(512,109),D:LINE-(514,100),D:LINE-(515,97),D:LINE-(515,92),D:LINE-(514,89),D:LINE-(514,83),D
 460 ツノミキ - ヒナリ
 470 LINE(370,17)-(370,10),F:LINE-(372,9),F:LINE-(377,9),F:LINE-(386,10),F
 480 LINE(524,21)-(544,22),F:LINE-(550,23),F:LINE-(550,24),F:LINE-(546,30),F:LINE-(541,36),F
 490 カミナヒナリ
 500 LINE(427,8)-(434,6),D:LINE-(440,5),D:LINE-(450,4),D:LINE-(458,3),D:LINE-(484,3),D:LINE-(500,5),D:LINE-(516,7),D:LINE-(528,10),D:LINE-(536,12),D:LINE-(546,15),D:LINE-(552,18),D:LINE-(558,20),D:LINE-(562,23),D:LINE-(569,26),D

510 LINE(569,26)-(572,28),D:LINE-(576,31),D:LINE-(580,34),D:LINE-(584,38),D:LINE
 -(588,42),D:LINE-(590,45),D:LINE-(592,49),D:LINE-(594,51),D:LINE-(596,55),D:LINE
 -(600,65),D:LINE-(602,75),D:LINE-(604,83),D:LINE-(604,93),D:LINE-(600,109),D
 520 LINE(600,109)-(598,114),D:LINE-(596,118),D:LINE-(592,123),D:LINE-(590,126),D
 :LINE-(586,129),D:LINE-(580,134),D:LINE-(576,137),D:LINE-(572,139),D:LINE-(567,1
 42),D:LINE-(564,144),D:LINE-(556,148),D:LINE-(550,150),D
 530 ヒタリ カ
 540 LINE(495,132)-(496,133),G:LINE-(498,134),G:LINE-(504,135),G:LINE-(512,136),G
 :LINE-(518,137),G:LINE-(523,138),G:LINE-(526,139),G:LINE-(530,140),G:LINE-(533,1
 41),G:LINE-(538,143),G:LINE-(546,147),G:LINE-(550,150),G:LINE-(554,154),G
 550 LINE(554,154)-(556,158),G:LINE-(557,161),G:LINE-(557,165),G:LINE-(556,168),G
 :LINE-(554,175),G:LINE-(552,178),G:LINE-(550,182),G:LINE-(542,194),G:LINE-(538,1
 99),G
 560 ヒタリ ウテ
 570 LINE(484,199)-(486,198),G:LINE-(489,195),G:LINE-(492,192),G:LINE-(494,189),G
 580 ムネ ミキ
 590 LINE(353,140)-(353,142),G:LINE-(350,145),G:LINE-(344,147),G:LINE-(339,149),G
 :LINE-(334,150),G:LINE-(326,152),F:LINE-(320,155),F:LINE-(314,157),F:LINE-(306,1
 61),F:LINE-(303,163),F:LINE-(304,165),F:LINE-(307,174),F:LINE-(308,176),F
 600 LINE(308,176)-(312,180),F:LINE-(314,182),F:LINE-(320,185),F:LINE-(324,186),F
 :LINE-(330,188),F:LINE-(338,189),F:LINE-(350,188),F:LINE-(358,187),F:LINE-(367,1
 85),F:LINE-(363,187),F:LINE-(370,186),F:LINE-(376,185),F
 610 LINE(376,185)-(384,183),F:LINE-(388,182),F:LINE-(392,182),F
 620 ムネ ヒタリ
 630 LINE(400,160)-(398,162),G:LINE-(394,165),G:LINE-(391,169),G:LINE-(390,171),G
 :LINE-(389,175),G:LINE-(390,180),G:LINE-(394,184),F:LINE-(397,186),F:LINE-(400,1
 88),F:LINE-(405,190),F:LINE-(410,192),F:LINE-(416,194),F:LINE-(424,196),F
 640 LINE(424,196)-(436,197),F:LINE-(462,197),F:LINE-(474,195),F:LINE-(484,193),F
 :LINE-(490,191),F:LINE-(494,189),F:LINE-(496,186),F:LINE-(498,183),G:LINE-(500,1
 79),G:LINE-(501,176),G
 650 ア
 660 LINE(339,149)-(340,150),F:LINE-(348,162),F:LINE-(350,164),F:LINE-(350,161),F
 :LINE-(353,165),F:LINE-(356,168),F:LINE-(368,175),F:LINE-(366,172),F:LINE-(368,1
 73),F:LINE-(372,175),F:LINE-(375,177),F:LINE-(380,179),F:LINE-(385,180),F
 670 LINE(385,180)-(392,180),F:LINE-(395,179),F:LINE-(398,177),F:LINE-(410,171),F
 :LINE-(413,170),F:LINE-(418,169),F:LINE-(411,173),F:LINE-(416,171),F:LINE-(422,1
 69),F:LINE-(433,167),F
 680 LINE(477,170)-(483,172),F:LINE-(487,174),F:LINE-(490,176),F:LINE-(492,178),F
 :LINE-(493,180),F:LINE-(488,179),F:LINE-(491,180),F:LINE-(494,182),F:LINE-(496,1
 85),F:LINE-(496,186),F
 690 トウ ト ミゾ オチ
 700 LINE(331,188)-(329,191),G:LINE-(329,193),G:LINE-(330,195),G:LINE-(331,199),G
 :LINE-(386,190)-(384,192),G:LINE-(382,195),G:LINE-(380,199),G
 710 ミキ ウテ シタ
 720 LINE(320,185)-(280,199),G
 730 ミキ ウテ (カテ - ショウワン フ)
 740 LINE(417,126)-(414,127),G:LINE-(408,128),G:LINE-(402,128),G:LINE-(396,127),G
 :LINE-(390,126),G:LINE-(372,126),G:LINE-(365,127),G:LINE-(354,129),G:LINE-(346,1
 31),G:LINE-(342,132),G:LINE-(330,136),G:LINE-(318,142),G:LINE-(315,144),G
 750 LINE(315,144)-(310,146),G:LINE-(300,152),G:LINE-(297,154),G:LINE-(285,160),G
 :LINE-(280,162),G:LINE-(264,170),G:LINE-(258,172),G:LINE-(252,175),G:LINE-(247,1
 77),G:LINE-(243,179),G
 760 ウテ - テノヒラ
 770 LINE(246,184)-(244,181),G:LINE-(243,179),G:LINE-(240,176),G:LINE-(236,173),G
 :LINE-(231,169),G:LINE-(227,166),G:LINE-(224,164),G:LINE-(220,161),G:LINE-(214,1
 57),G:LINE-(210,153),G:LINE-(206,149),G:LINE-(200,143),G:LINE-(198,140),G
 780 LINE(198,140)-(195,135),G:LINE-(193,131),G:LINE-(191,126),G:LINE-(189,121),G
 :LINE-(189,112),G:LINE-(188,110),G:LINE-(186,107),G:LINE-(178,101),G:LINE-(174,9
 7),G:LINE-(170,94),G:LINE-(166,90),G:LINE-(164,87),G:LINE-(162,85),G
 790 LINE(162,85)-(158,83),G:LINE-(157,83),G:LINE-(156,84),G:LINE-(155,86),G:LINE
 -(156,91),G:LINE-(160,95),G:LINE-(164,99),G:LINE-(164,101),G:LINE-(162,102),G:LI
 NE-(156,102),G
 800 LINE(152,101)-(149,100),G:LINE-(142,98),G:LINE-(137,97),G:LINE-(129,95),G:LI
 NE-(121,93),G:LINE-(114,92),G:LINE-(106,91),G:LINE-(99,90),G:LINE-(92,91),G:LINE
 -(90,92),G
 810 ヒ
 820 LINE(134,101)-(131,100),G:LINE-(128,99),G:LINE-(120,97),G:LINE-(112,95),G:LI
 NE-(102,93),G:LINE-(95,92),G:LINE-(80,92),G:LINE-(77,93),G
 830 LINE(127,103)-(121,101),G:LINE-(115,99),G:LINE-(106,97),G:LINE-(100,95),G:LI
 NE-(92,94),G:LINE-(82,93),G:LINE-(76,93),G:LINE-(76,94),G:LINE-(79,95),G:LINE-(8
 5,96),G:LINE-(90,97),G:LINE-(95,98),G:LINE-(99,99),G:LINE-(105,101),G
 840 LINE(105,101)-(110,103),G:LINE-(114,105),G

850 ' ヲビ" - テノヲ - ヲテ"

860 LINE(170,113)-(168,112),G:LINE-(164,110),G:LINE-(158,108),G:LINE-(154,107),G
870 LINE(138,107)-(126,106),G:LINE-(114,105),G:LINE-(106,104),G:LINE-(100,102),G
:LINE-(94,100),G:LINE-(92,100),G:LINE-(92,101),G:LINE-(95,103),G:LINE-(98,105),G
:LINE-(103,107),G:LINE-(106,108),G:LINE-(118,111),G:LINE-(125,113),G
880 LINE(125,113)-(130,114),G:LINE-(136,117),G:LINE-(141,119),G:LINE-(146,121),G
:LINE-(151,123),G:LINE-(154,124),G:LINE-(157,126),G:LINE-(160,128),G:LINE-(161,1
30),G:LINE-(162,135),G:LINE-(164,139),G:LINE-(168,150),G
890 LINE(168,150)-(170,156),G:LINE-(172,160),G:LINE-(176,170),G:LINE-(182,180),G
:LINE-(186,186),G:LINE-(190,190),G:LINE-(202,199),G

900 ' テノヒラノオホ

910 LINE(156,99)-(150,102),E:LINE-(140,101),E:LINE-(144,104),E:LINE-(138,107),E
:LINE-(148,106),E:LINE-(153,109),E:LINE-(153,105),E:LINE-(162,105),E:LINE-(156,10
3),E:LINE-(156,99),E

920 ' カミノケ ヲシロカ"ワ ミキ"ウエ

930 LINE(343,42)-(338,40),D:LINE-(330,37),D:LINE-(320,33),D:LINE-(312,30),D:LINE
-(302,27),D:LINE-(292,25),D:LINE-(281,23),D:LINE-(270,22),D:LINE-(258,21),D:LINE
-(234,21),D:LINE-(220,22),D:LINE-(204,22),D:LINE-(200,21),D:LINE-(204,23),D
940 LINE(204,23)-(208,24),D:LINE-(222,25),D:LINE-(242,26),D:LINE-(250,27),D:LINE
-(257,28),D:LINE-(264,30),D:LINE-(270,32),D:LINE-(275,34),D:LINE-(279,36),D:LINE
-(283,38),D:LINE-(288,41),D:LINE-(294,44),D:LINE-(300,47),D:LINE-(306,50),D
950 LINE(306,50)-(300,48),D:LINE-(290,45),D:LINE-(270,37),D:LINE-(260,35),D:LINE
-(253,33),D:LINE-(246,32),D:LINE-(240,31),D:LINE-(227,30),D:LINE-(218,29),D:LINE
-(202,29),D:LINE-(190,30),D:LINE-(180,31),D:LINE-(163,33),D:LINE-(156,34),D
960 LINE(156,34)-(148,36),D:LINE-(142,38),D:LINE-(136,40),D:LINE-(132,42),D:LINE
-(129,44),D:LINE-(126,46),D:LINE-(131,45),D:LINE-(140,42),D:LINE-(148,40),D:LINE
-(153,39),D:LINE-(160,38),D:LINE-(166,38),D:LINE-(172,39),D:LINE-(174,40),D
970 LINE(174,40)-(172,41),D:LINE-(168,42),D:LINE-(158,44),D:LINE-(150,45),D:LINE
-(144,46),D:LINE-(126,50),D:LINE-(120,52),D:LINE-(116,53),D:LINE-(110,55),D:LINE
-(105,58),D:LINE-(102,60),D:LINE-(94,66),D:LINE-(92,69),D:LINE-(90,73),D
980 LINE(90,73)-(88,79),D:LINE-(92,75),D:LINE-(98,70),D:LINE-(104,67),D:LINE-(11
0,64),D:LINE-(120,61),D:LINE-(114,64),D:LINE-(108,67),D:LINE-(100,73),D:LINE-(96
77),D:LINE-(92,85),D:LINE-(91,91),D

990 ' カミノケ ヲシロカ"ワ ミキ"ヲヲ

1000 LINE(90,97)-(90,112),D:LINE-(92,121),D:LINE-(94,126),D:LINE-(96,130),D:LINE
-(100,134),D:LINE-(104,138),D:LINE-(110,143),D:LINE-(118,149),D:LINE-(112,147),D
:LINE-(108,145),D:LINE-(100,139),D:LINE-(96,135),D:LINE-(93,132),D
1010 LINE(93,132)-(88,127),D:LINE-(90,132),D:LINE-(92,136),D:LINE-(96,140),D:LIN
E-(100,145),D:LINE-(105,150),D:LINE-(110,154),D:LINE-(116,158),D:LINE-(123,162),
D:LINE-(128,165),D:LINE-(135,169),D:LINE-(140,172),D:LINE-(146,174),D
1020 LINE(146,174)-(156,177),D:LINE-(148,176),D:LINE-(142,174),D:LINE-(136,172),
D:LINE-(128,169),D:LINE-(121,166),D:LINE-(116,163),D:LINE-(112,162),D:LINE-(114,
164),D:LINE-(118,167),D:LINE-(124,170),D:LINE-(130,174),D:LINE-(135,176),D
1030 LINE(135,176)-(140,178),D:LINE-(146,180),D:LINE-(160,184),D:LINE-(170,186),
D:LINE-(176,187),D:LINE-(184,188),D:LINE-(188,188),D

1040 ' カミノモヨヲ ミキ"マミカ"ミ

1050 LINE(380,75)-(372,70),E:LINE-(368,67),E:LINE-(364,64),E:LINE-(360,60),E:LIN
E-(357,58),E:LINE-(356,55),E:LINE-(354,50),E:LINE-(354,45),E:LINE-(358,37),E:LIN
E-(362,33),E:LINE-(360,37),E:LINE-(359,40),E:LINE-(360,45),E:LINE-(361,41),E
1060 LINE(361,41)-(364,37),E:LINE-(368,31),E:LINE-(380,22),E:LINE-(390,18),E:LIN
E-(399,15),E:LINE-(406,13),E:LINE-(412,11),E:LINE-(415,9),E:LINE-(415,8),E:LINE-
(411,7),E:LINE-(406,8),E:LINE-(396,10),E:LINE-(390,12),E:LINE-(386,14),E
1070 LINE(386,14)-(382,16),E:LINE-(390,14),E:LINE-(394,13),E:LINE-(398,13),E:LIN
E-(397,14),E:LINE-(392,16),E:LINE-(384,18),E:LINE-(376,21),E:LINE-(372,23),E:LIN
E-(372,21),E:LINE-(377,18),E:LINE-(371,20),E:LINE-(366,23),E:LINE-(360,29),E
1080 LINE(360,29)-(356,31),E:LINE-(353,34),E:LINE-(349,40),E:LINE-(348,43),E:LIN
E-(348,49),E:LINE-(350,52),E:LINE-(351,55),E:LINE-(354,59),E:LINE-(356,62),E:LIN
E-(360,65),E:LINE-(368,71),E:LINE-(376,75),E:LINE-(382,78),E

1090 ' カミノモヨヲ ヒタ"リマカ"ミ

1100 LINE(534,76)-(538,70),E:LINE-(540,65),E:LINE-(540,60),E:LINE-(536,50),E:LIN
E-(534,46),E:LINE-(531,41),E:LINE-(528,36),E:LINE-(524,32),E:LINE-(520,29),E:LIN
E-(515,25),E:LINE-(510,22),E:LINE-(506,19),E:LINE-(498,15),E:LINE-(493,13),E
1110 LINE(493,13)-(488,11),E:LINE-(483,9),E:LINE-(478,8),E:LINE-(470,7),E:LINE-(
456,7),E:LINE-(450,8),E:LINE-(442,10),E:LINE-(438,12),E:LINE-(436,15),E:LINE-(43
8,19),E:LINE-(440,22),E:LINE-(443,25),E:LINE-(451,29),E:LINE-(454,30),E
1120 LINE(454,30)-(460,32),E:LINE-(464,33),E:LINE-(470,34),E:LINE-(476,35),E:LIN
E-(480,36),E:LINE-(492,40),E:LINE-(500,44),E:LINE-(504,47),E:LINE-(506,49),E:LIN
E-(507,51),E:LINE-(507,48),E:LINE-(506,45),E:LINE-(502,37),E:LINE-(500,34),E
1130 LINE(500,34)-(497,32),E:LINE-(504,36),E:LINE-(512,42),E:LINE-(515,45),E:LIN
E-(519,51),E:LINE-(520,54),E:LINE-(524,61),E:LINE-(525,65),E:LINE-(525,71),E:LIN
E-(524,77),E:LINE-(522,80),E

1140 ' カミノモヨヲ ヒタ"リ

1150 LINE(511,79)-(508,90),E:LINE-(506,95),E:LINE-(502,102),E:LINE-(500,105),E:LINE-(496,110),E:LINE-(494,114),E:LINE-(486,122),E:LINE-(484,124),E:LINE-(483,122),E:LINE-(484,120),E:LINE-(486,115),E:LINE-(488,113),E:LINE-(491,111),E
 1160 LINE(491,111)-(492,109),E:LINE-(490,110),E:LINE-(486,113),E:LINE-(482,116),E:LINE-(480,118),E:LINE-(476,124),E:LINE-(474,126),E:LINE-(469,130),E:LINE-(470,131),E:LINE-(476,127),E:LINE-(480,125),E:LINE-(480,126),E:LINE-(476,130),E
 1170 LINE(476,130)-(470,136),E:LINE-(466,140),E:LINE-(464,142),E:LINE-(462,140),E:LINE-(458,144),E:LINE-(456,147),E:LINE-(454,154),E:LINE-(455,157),E:LINE-(456,163),E:LINE-(454,161),E:LINE-(452,157),E:LINE-(450,151),E:LINE-(448,153),E
 1180 LINE(448,153)-(450,160),E:LINE-(452,166),E:LINE-(455,170),E:LINE-(458,175),E:LINE-(465,182),E:LINE-(467,183),E:LINE-(460,174),E:LINE-(459,171),E:LINE-(458,169),E:LINE-(460,165),E:LINE-(460,169),E:LINE-(464,175),E
 1190 LINE(464,175)-(468,179),E:LINE-(474,184),E:LINE-(480,189),E
 1200 カミノヲコヲヲコ
 1210 LINE(490,8)-(498,9),E:LINE-(508,11),E:LINE-(514,12),E:LINE-(518,13),E:LINE-(530,17),E:LINE-(535,19),E:LINE-(541,22),E
 1220 LINE(548,27)-(556,33),E:LINE-(559,36),E:LINE-(564,40),E:LINE-(568,48),E:LINE-(570,51),E:LINE-(571,60),E:LINE-(570,65),E:LINE-(568,67),E:LINE-(567,65),E:LINE-(564,62),E:LINE-(564,70),E:LINE-(562,74),E:LINE-(560,77),E:LINE-(558,79),E
 1230 LINE(558,79)-(556,76),E:LINE-(552,80),E:LINE-(550,84),E:LINE-(544,90),E:LINE-(541,92),E:LINE-(538,94),E:LINE-(536,92),E:LINE-(533,95),E:LINE-(532,93),E:LINE-(530,96),E:LINE-(523,101),E:LINE-(520,103),E:LINE-(514,105),E
 1240
 1250 LINE(578,99)-(579,92),E:LINE-(578,89),E:LINE-(579,78),E:LINE-(578,75),E:LINE-(574,70),E:LINE-(572,69),E:LINE-(570,70),E:LINE-(566,76),E:LINE-(563,79),E:LINE-(561,81),E:LINE-(559,80),E:LINE-(554,85),E:LINE-(552,88),E:LINE-(552,90),E
 1260 LINE(552,90)-(536,104),E:LINE-(554,90),E:LINE-(558,88),E:LINE-(563,86),E:LINE-(564,94),E:LINE-(566,94),E:LINE-(570,90),E:LINE-(571,88),E:LINE-(572,90),E:LINE-(574,94),E:LINE-(576,99),E:LINE-(578,99),E
 1270
 1280 LINE(533,141)-(540,137),E:LINE-(544,135),E:LINE-(552,129),E:LINE-(554,126),E:LINE-(558,122),E:LINE-(561,119),E:LINE-(562,115),E:LINE-(560,110),E:LINE-(557,113),E:LINE-(555,113),E:LINE-(556,108),E:LINE-(556,96),E:LINE-(552,96),E
 1290 LINE(552,96)-(536,104),E:LINE-(534,106),E:LINE-(532,105),E:LINE-(527,108),E:LINE-(524,110),E:LINE-(522,109),E:LINE-(514,113),E:LINE-(510,114),E
 1300 カミノケノナカノホシ
 1310 LINE(544,117)-(538,120),C:LINE-(531,118),C:LINE-(534,122),C:LINE-(527,125),C:LINE-(538,124),C:LINE-(541,128),C:LINE-(543,123),C:LINE-(550,123),C:LINE-(544,121),C:LINE-(544,117),C
 1400 テンチャン [カミノケノ]
 1410 LINE(298,64)-(302,60),D:LINE-(302,57),D:LINE-(298,53),D:LINE-(294,52),D:LINE-(296,52),D:LINE-(300,53),D:LINE-(298,51),D:LINE-(295,50),D:LINE-(290,49),D:LINE-(278,49),D:LINE-(282,48),D:LINE-(276,48),D:LINE-(270,49),D:LINE-(262,51),D
 1420 LINE(262,51)-(265,49),D:LINE-(260,50),D:LINE-(248,54),D:LINE-(240,60),D:LINE-(237,63),D:LINE-(237,67),D:LINE-(238,70),D:LINE-(240,72),D:LINE-(238,69)-(236,70),D:LINE-(236,72),D:LINE-(239,73),D
 1430 LINE(242,75)-(241,77),D:LINE-(243,79),D:LINE-(246,80),D:LINE-(244,78),D:LINE-(244,77),D:LINE-(247,79),D:LINE-(252,81),D
 1440 LINE(240,73)-(238,75),F:LINE-(242,75),F:LINE-(240,73),F' ツノ
 1450 マカミ
 1460 LINE(299,59)-(298,60),D:LINE-(297,59),D:LINE-(298,56),D:LINE-(294,60),D:LINE-(292,55),D:LINE-(290,55)-(292,57),D:LINE-(291,58),D:LINE-(288,56)-(288,58),D:LINE-(287,60),D:LINE-(282,63),D:LINE-(282,56)-(284,59),D:LINE-(282,61),D
 1470 LINE(272,58)-(275,60),D:LINE-(275,63),D:LINE-(274,65),D:LINE-(270,67),D:LINE-(269,61)-(270,63),D:LINE-(270,69),D:LINE-(268,71),D:LINE-(266,66)-(268,68),D:LINE-(268,73),D:LINE-(270,76),D
 1480 ミミ
 1490 LINE(270,76)-(266,74),G:LINE-(262,74),G:LINE-(258,75),G:LINE-(262,77),G
 1500 カオ
 1510 LINE(298,60)-(298,65),G:LINE-(300,66),G:LINE-(303,67),G:LINE-(304,68),G:LINE-(304,69),G:LINE-(302,71),G:LINE-(298,73),G
 1520 ウテ
 1530 LINE(289,75)-(292,74),G:LINE-(296,74),G:LINE-(300,73),G:LINE-(302,72),G:LINE-(302,73),G:LINE-(304,74),G:LINE-(302,75),G:LINE-(304,75),G:LINE-(296,79),G:LINE-(292,80),G:LINE-(290,82),G
 1540 ホンツ
 1550 LINE(290,82)-(288,81),F:LINE-(285,79),F:LINE-(280,78),F:LINE-(274,77),F:LINE-(268,76),F:LINE-(262,77),F:LINE-(258,78),F:LINE-(255,79),F:LINE-(252,81),F:LINE-(250,83),F:LINE-(250,85),F:LINE-(252,87),F:LINE-(255,89),F:LINE-(260,91),F
 1560 LINE(260,91)-(264,92),F:LINE-(268,92),F:LINE-(280,92)-(285,90),F:LINE-(288,88),F:LINE-(290,86),F:LINE-(290,82),F
 1570 ミキヲツ

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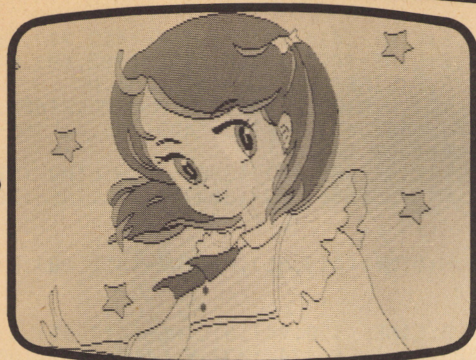
1580 LINE(280,92)-(281,89),G:LINE-(280,87),G:LINE-(276,85),G:LINE-(274,85),G:LIN
E-(270,86),G:LINE-(268,87),G:LINE-(267,88),G:LINE-(267,90),G:LINE-(268,92),G:LIN
E-(270,94),G:LINE-(272,94),G:LINE-(280,92),G
1590 ' ヒタリマス
1600 LINE(250,84)-(246,86),G:LINE-(244,89),G:LINE-(247,90),G:LINE-(257,90),G
1610 ' メノリンカク 「ヒタリミキ」
1620 LINE(294,60)-(291,58),G:LINE-(290,58),G:LINE-(288,59),G:LINE-(289,61),G:LIN
E(293,66)-(296,65),G:LINE-(298,64),G:LINE(283,64)-(279,61),G:LINE-(277,60),G:LIN
E-(275,60),G:LINE(273,66)-(275,71),G:LINE(279,72)-(285,70),G
1700 ' ヘイント ハーターン
1710 A=1:B=2:C=3:D=4:E=5:F=6:G=7:H=0
1720 TILE$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HAA)
1730 TILE1$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)
1740 TILE2$=CHR$(&HAA)+CHR$(&H55)+CHR$(&HFF)
1750 TILE3$=CHR$(&HFF)+CHR$(&HAA)+CHR$(&HFF)
1800 ' ヘイント
1810 PAINT(20,100),TILE$,H:PAINT(320,195),TILE$,H
1820 ' ラム
1830 PAINT(440,80),TILE1$,H:PAINT(400,195),TILE1$,H:PAINT(520,160),TILE1$,H:PAIN
T(520,90),TILE1$,H:PAINT(135,104),TILE1$,H:PAINT(440,35),TILE2$,H:PAINT(400,30),
TILE2$,H:PAINT(360,25),TILE2$,H:PAINT(540,50),TILE2$,H:PAINT(580,50),TILE2$,H
1840 PAINT(200,100),TILE2$,H:PAINT(470,150),TILE2$,H:PAINT(460,20),TILE3$,H:PAIN
T(400,12),TILE3$,H:PAINT(365,30),TILE3$,H:PAINT(440,150),TILE3$,H:PAINT(530,20),
TILE3$,H:PAINT(560,50),TILE3$,H:PAINT(570,80),TILE3$,H:PAINT(520,120),TILE3$,H
1850 PAINT(140,140),TILE2$,H:PAINT(375,12),F,H:PAINT(540,25),F,H:PAINT(340,170),
F,H:PAINT(420,180),F,H:PAINT(485,177),F,H:PAINT(150,104),E,H:PAINT(540,122),C,H:
PAINT(432,8),TILE2$,0
1900 ' デンチャン
1910 PAINT(260,60),D,H:PAINT(260,85),F,H:PAINT(290,70),TILE1$,H:PAINT(264,75),TI
LE1$,H:PAINT(275,90),TILE1$,H:PAINT(250,89),TILE1$,H:PAINT(239,72),D,H:PAINT(240
,74),F,H
2000 ' ミミ [ラム]
2010 LINE(515,92)-(520,90),H:LINE-(526,86),H:LINE-(528,84),H:LINE-(528,82),H:LIN
E-(524,81),H:LINE-(522,83),H:LINE(522,88)-(520,87),H:LINE-(516,88),H:LINE-(514,8
9),H
2020 ' ツノモク ヒタリミキ
2030 LINE(537,22)-(537,25),H:LINE-(539,28),H:LINE-(544,30),H:LINE-(546,30),H:LIN
E(544,22)-(544,26),H:LINE-(547,28),H:LINE(370,15)-(376,12),H:LINE-(382,10),H:LIN
E(370,12)-(374,10),H:LINE-(377,9),H
2040 ' 「カオ」マク ヒタリミキ
2050 LINE(454,58)-(460,56),H:LINE-(468,55),H:LINE-(478,55),H:LINE-(460,55),H:LIN
E-(454,57),H:LINE(402,51)-(398,49),H:LINE-(394,48),H:LINE-(388,48),H:LINE-(400,5
1),H:LINE-(402,52),H
2060 ' ヒタリメ
2070 LINE(456,81)-(460,82),H:LINE-(466,83),H:LINE-(474,83),H:LINE-(480,82),H:LIN
E-(483,81),H:LINE-(485,80),H:LINE-(488,78),H:LINE-(492,78),H:LINE(490,80)-(487,7
9),H
2080 LINE(455,72)-(460,70),H:LINE-(464,69),H:LINE-(470,68),H:LINE-(476,67),H:LIN
E-(480,67),H:LINE-(486,68),H:LINE-(490,69),H:LINE-(493,70),H:LINE-(494,68),H:LIN
E-(492,66),H:LINE-(490,65),H:LINE-(482,64),H:LINE-(474,64),H:LINE-(466,65),H
2090 LINE(466,65)-(460,66),H:LINE-(452,68),H:LINE-(455,72),H:PAINT(460,68),H,H:L
INE(454,65)-(460,64),A:LINE-(466,63),A:LINE-(480,63),A:LINE-(490,64),A
2100 LINE(455,72)-(456,81),H:LINE(488,78)-(493,70),H:PAINT(480,73),G,H:LINE(455,
72)-(456,81),G:LINE(488,78)-(493,70),G:PSET(455,72),H:PSET(456,81),H:PSET(488,78
),H:PSET(493,70),H
2110 LINE(476,67)-(473,69),E:LINE-(472,71),E:LINE-(472,75),E:LINE-(474,77),E:LIN
E-(478,79),E:LINE-(480,79),E:LINE-(484,78),E:LINE-(486,75),E:LINE-(487,73),E:LIN
E-(487,71),E:LINE-(486,69),E:LINE-(484,68),E:LINE-(480,67),E:LINE-(476,67),E
2120 PAINT(480,73),E,E:CIRCLE(480,73),3,H,,.5/.45:PAINT(482,73),H,H:CIRCLE(477,
70),2,G,,.5/.45:PAINT(477,70),G,G:PSET(480,73),G:PSET(480,74),G:LINE(482,67)-(4
76,67),H
2130 LINE(493,70)-(498,70),H:LINE-(500,69),H:LINE(494,68)-(497,68),H:LINE-(490,6
7),H:LINE(492,66)-(498,65),H:LINE-(490,64),H:LINE-(492,62),H:LINE(490,66)-(496,6
3),H:LINE-(498,62),H:LINE(486,64)-(490,62),H
2140 ' ミキ x
2150 LINE(390,75)-(392,75),H:LINE-(394,77),H:LINE-(398,79),H:LINE-(402,80),H:LIN
E-(406,80),H:LINE-(410,79),H
2160 LINE(413,68)-(412,67),H:LINE-(410,65),H:LINE-(406,63),H:LINE-(396,59),H:LIN
E-(392,58),H:LINE-(388,57),H:LINE-(386,58),H:LINE-(385,60),H:LINE-(385,63),H:LIN
E-(388,61),H:LINE-(390,60),H:LINE-(394,61),H:LINE-(399,62),H:LINE-(404,64),H
2170 LINE(404,64)-(413,68),H:LINE-(410,79),H:LINE(385,63)-(390,75),H:PAINT(400,7
0),G,H:PAINT(390,59),H,H:LINE(413,68)-(410,79),G:LINE(385,63)-(390,75),G:PSET(41
3,68),H:PSET(410,79),H:PSET(385,63),H:PSET(390,75),H

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2180 LINE(406,65)-(412,68),E:LINE-(414,70),E:LINE-(414,74),E:LINE-(412,76),E:LIN
E-(410,78),E:LINE-(407,77),E:LINE-(404,75),E:LINE-(402,73),E:LINE-(402,68),E:LIN
E-(403,66),E:LINE-(406,65),E:PAINT(409,72),E,E:LINE(406,65)-(413,68),H
2190 CIRCLE(409,72),3,H,,,5/.45:PAINT(409,72),H,H:PSET(409,72),G:CIRCLE(406,69)
,2,G,,,5/.45:PAINT(406,69),G,G:LINE(410,64)-(407,62),A:LINE-(403,60),A:LINE-(39
8,58),A:LINE-(394,56),A:LINE-(390,55),A:LINE-(386,56),A
2200 LINE(385,61)-(380,63),H:LINE-(377,63),H:LINE-(385,60)-(380,61),H:LINE-(376,6
0),H:LINE(385,59)-(378,58),H:LINE-(376,55),H:LINE(386,58)-(382,56),H:LINE-(381,5
4),H:LINE(392,77)-(394,77),H
2210 'ハナ
2220 LINE(416,86)-(414,84),H:LINE-(413,82),H:LINE-(413,81),H:LINE-(417,80),H:LIN
E(414,82)-(418,83),H
2230 クチ
2240 LINE(436,96)-(432,95),B:LINE-(426,95),B:LINE-(420,94),B:LINE-(417,95),B:LIN
E-(418,97),B:LINE-(418,101),B:LINE-(420,103),B:LINE-(424,103),B:LINE-(431,100),B
:LINE-(437,97),B:LINE-(436,96),B:PAINT(426,98),B,B:LINE(420,103)-(424,103),H
2250 LINE(436,97)-(432,96),H:LINE-(428,96),H:LINE-(422,95),H:LINE-(418,95),H:LIN
E-(420,97),H:LINE-(421,99),H:LINE-(426,100),H:LINE-(428,100),H:LINE-(434,98),H:L
INE-(436,97),H:LINE(422,99)-(424,97),H:LINE-(428,96),H
2260 PAINT(428,98),TILE$,H:LINE(412,67)-(399,61),H:LINE(399,50)-(395,49),H
2270 'フナノモロ「ミキ」
2280 LINE(334,150)-(336,152),H:LINE-(340,155),H:LINE-(344,159),H:LINE-(348,162),
H:LINE(325,153)-(328,154),H:LINE-(334,158),H:LINE-(342,164),H:LINE-(344,166),H:L
INE-(353,171),H:LINE-(362,175),H:LINE-(360,175),H:LINE-(356,174),H
2290 LINE(356,174)-(350,172),H:LINE-(336,165),H:LINE-(331,162),H:LINE-(323,158),
H:LINE-(320,157),H:LINE-(318,156),H:LINE(310,160)-(316,163),H:LINE-(336,171),H:L
INE-(350,176),H:LINE-(360,178),H:LINE-(368,180),H:LINE-(374,181),H
2300 LINE(374,181)-(380,182),H:LINE-(374,183),H:LINE-(355,181),H:LINE-(350,180),
H:LINE-(341,178),H:LINE-(317,170),H:LINE-(304,163),H:LINE(306,170)-(316,175),H:L
INE-(334,181),H:LINE-(346,183),H:LINE-(354,184),H:LINE-(360,184),H
2310 LINE(360,184)-(364,185),H:LINE-(358,186),H:LINE-(342,186),H:LINE-(333,185),
H:LINE-(327,184),H:LINE-(313,181),H:PAINT(340,153),H,H:PAINT(340,165),H,H:PAINT(
340,175),H,H:PAINT(340,184),H,H
2320 'フナノモロ「ヒナリ」
2330 LINE(434,168)-(424,170),H:LINE-(420,171),H:LINE-(405,175),H:LINE-(400,177),
H:LINE-(401,178),H:LINE-(408,176),H:LINE-(420,174),H:LINE-(434,173),H:LINE-(438,
173),H:LINE(478,173)-(483,174),H:LINE-(490,176),H
2340 LINE(442,178)-(434,177),H:LINE-(414,177),H:LINE-(404,178),H:LINE-(400,179),
H:LINE-(400,180),H:LINE-(412,181),H:LINE-(420,182),H:LINE-(432,183),H:LINE-(453,
183),H:LINE(480,177)-(488,179),H:LINE(486,182)-(488,182),H:LINE-(494,183),H
2350 LINE(393,180)-(398,181),H:LINE-(413,185),H:LINE-(428,188),H:LINE-(440,189),
H:LINE-(458,189),H:LINE-(470,188),H:LINE(488,187)-(496,186),H
2360 LINE(393,183)-(402,186),H:LINE-(416,190),H:LINE-(425,192),H:LINE-(440,194),
H:LINE-(466,194),H:LINE-(482,192),H:LINE-(490,190),H:LINE-(494,189),H
2370 PAINT(430,171),H,H:PAINT(430,180),H,H:PAINT(430,190),H,H:PAINT(480,172),H,H
:PAINT(486,180),H,H:PAINT(492,188),H,H
2500 'テン「ハナトクチ」
2510 LINE(299,69)-(297,68),H:LINE-(296,69),H:LINE(294,73)-(298,72),B:LINE-(297,7
3),B:LINE-(294,73),B
2520 'ミキメトヒナリメ
2530 LINE(294,60)-(297,64),H:LINE(289,61)-(294,66),H:PAINT(292,61),G,H:LINE(275,
71)-(279,72),H:LINE(282,64)-(284,70),H:PAINT(280,70),G,H:LINE(294,60)-(297,64),G
:LINE(289,61)-(294,66),H:LINE(275,71)-(279,72),G:LINE(282,64)-(284,70),G
2540 PSET(279,72),H:PSET(284,70),H:PSET(294,60),H:PSET(297,64),H:PSET(289,61),H:
PSET(294,66),H:PSET(275,71),H:PSET(289,61),H:CIRCLE(292,64),1,H,,,5/.45:CIRCLE(
283,67),1,H,,,5/.45:PAINT(283,67),H,H
2550 'ハナノモロ
2560 LINE(289,82)-(276,79),H:LINE-(270,78),H:LINE-(264,78),H:LINE-(260,79),H:LIN
E-(266,79),H:LINE-(278,81),H:LINE-(286,85),H:LINE-(288,87),H:LINE(252,81)-(258,8
0),H:LINE-(266,80),H:LINE-(272,81),H:LINE-(278,83),H:LINE-(282,85),H
2570 LINE(282,85)-(276,83),H:LINE-(270,82),H:LINE-(262,82),H:LINE-(256,83),H:LIN
E-(251,85),H:LINE(252,86)-(256,85),H:LINE-(262,84),H:LINE-(268,84),H:LINE-(274,8
5),H:LINE(252,87)-(256,86),H:LINE-(262,85),H:LINE-(268,85),H:LINE-(271,86),H
2580 LINE(256,89)-(258,88),H:LINE-(264,87),H:LINE-(268,88),H:LINE(258,90)-(262,8
9),H:LINE-(267,89),H:PAINT(258,89),H,H:PAINT(264,88),H,H:PAINT(260,81),H,H:PAINT
(286,83),H,H:PAINT(270,79),H,H
2590 LINE(281,88)-(284,90),H:PAINT(282,90),H,H
3000 シロビ
3010 PAINT(108,66),TILE$,H:PAINT(110,65),TILE$,H:PAINT(112,64),TILE$,H:PAINT(138
,172),TILE$,H:PAINT(141,173),TILE$,H:PAINT(394,49),H,H:PAINT(355,173),H,H:PAINT(
358,174),H,H
5000 GOTO 5000

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うる星やつら コトリ

PC—8801/mk II

大島一夫

愛くるしいコトリちゃんをPC—8801に!!

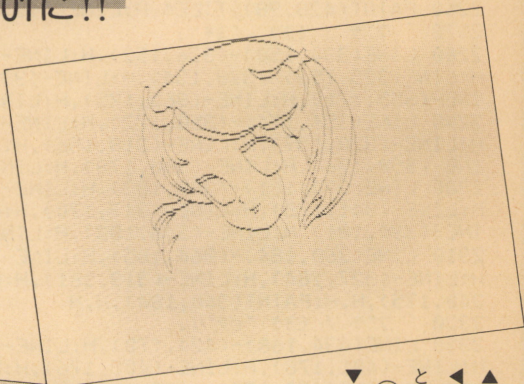
ボブコム本誌のCGギャラリーで、常連として活躍中の大島さんの作品を紹介しましょう。大島さんのCGは、いつも下絵がしっかりと作られていることと、プログラムが大島流(?)に短く洗練されていることが特徴です。

オールBASICで描かれているので(拡張コマンドも使っていますが)、背景の処理にいろいろ苦心されているようです。でも、その分他機種への移植が簡単になりますし、CG作品を作りたいという人におすすめできる手本プログラムでもあります。みなさんも、スッキリしたプログラムを学びましょう。

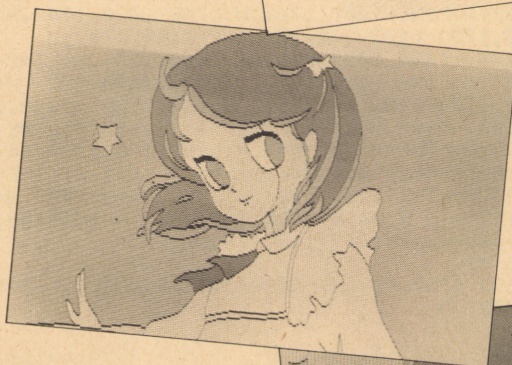
さて、今回のキャラクターは「うる星」のゲストキャラのコトリちゃんです。コトリちゃんは実は幽霊で、子犬

を抱きに地上へ降りてきたのでした。

このCGは、コトリちゃんの淡い色あいをうまく表現しています。大島さんの作品はつねに高いレベルにあり、色の使い方がうまくいつも感心してしまいます。



▲まず顔を描きはじめ：
◀おおよっぱなペイントと星を一ヶ描いておく。
(あとでコピーする)
▼コトリちゃんが完成!!



作者のプロフィール

7月号に「うる星」以外のキャラクターをというのが載ってましたね。そこで今回は違った物を描いてみました。

実はこのキャラクターは、親戚の子どもから次はこれを描いてね、と頼まれていた物なんです。下絵は以前に描いてあった物を使いましたので、比較的短時間で作ることができました。

機種はPC—8801、またはmark II用で、@exstの拡張BASICでお願いします。

とのこと。本誌の方で常連の大島さんはただいま26才ノ

プログラムの方は、ほとんどBASICですがディスクBASIC用の拡張命令を使っています。ディスクのない人、またPC—9801シリーズの人は以下のように修正して下さい。

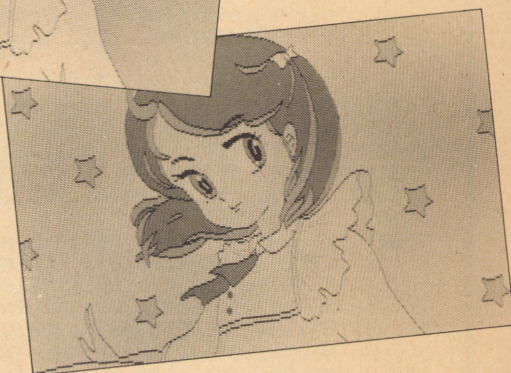
100行、110行→削除

1020行、1030行 CMD CLS

3→ CLS 3

1040行 CMD TEXT OFF →削除

CMD CLS 3 は高速画面消去で、機能はCLS 3と同じです。また、CMD TEXT OFF はテキスト画面を表示禁止にすることで処理速度を上げています。スピードを特に気にしなければ、



ディスクのユーザーでも拡張コマンドを使う必要はありません。また、1180行、1250行で指定しているのはペイント時のバックグラウンドパターンで、背景のタイルパターンを示すものですが、なくても動きます。

うる星やつら コトリ プログラムリスト

```

100 CLEAR ,&HDBFF
110 BLOAD "exst",R
1000 'ジョセツタイ
1010 CONSOLE 0,25,0,1:WIDTH 80,25:DIM A%(190)
1020 SCREEN 0,3:CMD CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,5,0:CMD CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250):CMD TEXT OFF
1050 'ライン
1060 READ C
1070 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1110
1080 PSET (X,Y),C
1090 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1070
1100 LINE-(X,Y),C:GOTO 1090
1110 'サークル 1
1120 READ R
1130 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1160
1140 CIRCLE(X,Y),R,C
1150 GOTO 1130
1160 'ポイント
1170 READ C$
1180 IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
    ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1190 TL$=""
1200 FOR I=1 TO LEN(C$) STEP 2
1210 T=VAL("&H"+MID$(C$,I,2))
1220 TL$=TL$+CHR$(T)
1230 NEXT
1240 READ X,Y:IF X=0 THEN 1170 ELSE IF Y=999 THEN GOTO 1270
1250 PAINT(X,Y),TL$,C,BACK$
1260 GOTO 1240
1270 'ラインサイズリ
1280 READ C1:IF C1=999 THEN 1340
1290 READ X,Y
1300 PSET(X,Y),C1
1310 READ X,Y:IF X=0 AND Y=0 THEN 1290 ELSE IF Y=999 THEN GOTO 1280
1320 LINE-(X,Y),C1
1330 GOTO 1310
1340 'ラインスタイル
1350 READ A$:A=VAL("&H"+A$)
1360 READ X,Y,C2:IF X=888 THEN 1350 ELSE IF Y=999 THEN GOTO 1410
1370 PSET (X,Y),C2
1380 READ X,Y:IF X=0 THEN GOTO 1360 ELSE IF X=999 THEN GOTO 1060
1390 LINE-(X,Y),C2,,A
1400 GOTO 1380
1410 'サークル 2
1420 READ S
1430 READ C3,C4,R
1440 READ X,Y:IF X=888 THEN 1420 ELSE IF Y=999 THEN GOTO 1470
1450 CIRCLE(X,Y),R,C4,,,S:PAINT(X,Y),C3,C4:GOTO 1440
1460 GOTO 1440
1470 'ホシ イトウ
1480 GET@(104, 68)-(144, 88),A%
1490 READ X,Y
1500 IF X=0 THEN GOTO 1530
1510 PUT@(X,Y),A%,PSET
1520 GOTO 1490
1530 END
1540 '
1550 ' ライン DATA
1560 '
1570 ' x
1580 DATA 0
1590 DATA 148,108,146,105,149,105,153,103,158,103,162,104,163,105, 0, 0
1600 DATA 148,108,150,108,155,106,158,105,162,105,167,107,170,110,173,114
1610 DATA 175,119,175,122,174,124,170,126,166,127,162,125,157,120,150,110
1620 DATA 148,108, 0, 0
1630 DATA 212, 87,207, 84,203, 83,198, 83,192, 86,187, 89,184, 89,183, 87

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1640 DATA 184, 85,186, 85,190, 83,197, 80,203, 80,208, 82,211, 85,214, 91
 1650 DATA 215, 98,215,101,213,104,208,108,203,109,199,108,196,106,190,100
 1660 DATA 184, 89, 0, 0,212, 87,209, 84, 0, 0
 1670 ' ハナ クチ ミ
 1680 DATA 179,121,177,124,177,126,180,127, 0, 0
 1690 DATA 184,132,185,133,187,133,191,131,193,129, 0, 0
 1700 DATA 188,136,191,135, 0, 0
 1710 DATA 230, 86,231, 80,233, 77,235, 76,237, 77,239, 80,240, 85,240, 91
 1720 DATA 238, 98,235,103, 0, 0
 1730 ' カオ クヒ リホッ
 1740 DATA 134, 92,137,103,140,109,143,112,146,114,150,116,153,119,158,125
 1750 DATA 161,130,164,136,166,139,169,142,173,144,186,148,196,148,201,146
 1760 DATA 205,143,213,135, 0, 0
 1770 DATA 202,145,204,148,206,153,206,158, 0, 0
 1780 DATA 225, 26,225, 28,228, 29,231, 31,233, 35,235, 35,237, 33,238, 29
 1790 DATA 240, 30,241, 28,246, 28,247, 26,243, 23,244, 19,242, 17,237, 22
 1800 DATA 235, 23,231, 23,225, 26, 0, 0
 1810 DATA 193, 76,197, 80, 0, 0
 1820 DATA 209,107,212,113,213,118,213,123,212,129,209,136,205,143, 0, 0
 1830 DATA 207,141,210,146,212,152,212,156, 0, 0
 1840 ' カミ
 1850 DATA 113, 53,111, 60,110, 68,110, 78,112, 88,114, 95,116,100,119,105
 1860 DATA 122,109,126,113,130,116,134,118,138,120,143,122,152,124,157,124
 1870 DATA 0, 0
 1880 DATA 118, 46,121, 41,125, 36,130, 33,134, 32,140, 26,148, 19,155, 15
 1890 DATA 165, 10,176, 7,190, 5,198, 5,211, 7,221, 10,229, 14,234, 18
 1900 DATA 238, 20, 0, 0
 1910 DATA 247, 26,254, 32,258, 38,264, 47,268, 56,271, 65,273, 75,273, 85
 1920 DATA 272, 98,270,108,265,120,260,128,254,135,248,140,242,143,235,145
 1930 DATA 0, 0
 1940 DATA 123, 86,122, 92,123, 98,125,103,128,107,132,111,136,113,139,114
 1950 DATA 144,114,139,112,134,109,130,105,127,100,125, 94,123, 86, 0, 0
 1960 DATA 131, 90,132, 96,134,102,136,106,140,109, 0, 0
 1970 DATA 128, 63,126, 67,125, 72,125, 77,126, 82,128, 86,131, 90,134, 92
 1980 DATA 137, 93,140, 93,143, 92,140, 91,136, 89,134, 87,132, 83,131, 79
 1990 DATA 131, 73,132, 68,134, 63,134, 61,133, 60, 0, 0
 2000 DATA 119, 31,118, 31,116, 32,114, 37,113, 43,113, 48,114, 53,116, 57
 2010 DATA 118, 60,121, 62,124, 63,128, 63,131, 62,133, 60,135, 56,136, 53
 2020 DATA 135, 50,133, 49,131, 49,129, 51,126, 52,123, 52,120, 50,118, 47
 2030 DATA 117, 44,117, 41,118, 35,119, 31, 0, 0
 2040 DATA 201, 70,197, 72,190, 74,180, 75,172, 74,164, 72,158, 69,153, 65
 2050 DATA 148, 60,143, 54,139, 50,137, 50,136, 53,138, 59,141, 64,145, 69
 2060 DATA 150, 73,157, 76,164, 78,173, 79,181, 79,187, 78,193, 76,197, 73
 2070 DATA 197, 72, 0, 0
 2080 DATA 201, 70,201, 72,203, 74,208, 75,211, 75,217, 73,224, 69,229, 64
 2090 DATA 232, 59,229, 62,225, 65,218, 68,211, 70,205, 71,201, 70, 0, 0
 2100 DATA 229, 84,224, 83,221, 81,219, 78,218, 74,219, 72,220, 72,221, 74
 2110 DATA 222, 77,224, 80,229, 84,232, 91,234, 98,236,106, 0, 0
 2120 DATA 228, 85,230, 91,232, 97,234,104, 0, 0
 2130 DATA 198, 28,205, 31,211, 32,216, 31,224, 28,222, 32,218, 35,212, 37
 2140 DATA 206, 36,201, 33,198, 28, 0, 0
 2150 DATA 239, 32,241, 34,243, 40,243, 45,241, 53,238, 60,234, 65,236, 60
 2160 DATA 238, 55,240, 47,240, 40,239, 32, 0, 0
 2170 DATA 243, 94,241, 99,236,106,232,112,228,119,226,126,226,133,229,124
 2180 DATA 233,117,237,111,241,103,243, 94, 0, 0
 2190 DATA 237,111,236,119, 0, 0
 2200 DATA 241, 28,244, 33,247, 40,249, 50,251, 63,251, 76,249, 88,245,100
 2210 DATA 241,110,236,119,231,126,226,133,222,140,221,145,221,151,224,145
 2220 DATA 227,140,233,133,240,125,246,116,250,108,253, 99,255, 89,256, 78
 2230 DATA 255, 66,253, 56,250, 45,247, 40, 0, 0
 2240 DATA 272, 70,272, 76,270, 91,267,103,263,113,258,123,253,131,248,136
 2250 DATA 241,141,231,147,225,152,224,149,224,145, 0, 0
 2260 DATA 245,138,247,135,248,130,248,127,246,122,244,128,242,132,236,138
 2270 DATA 229,143,226,147,225,152, 0, 0
 2280 DATA 233,133,237,132,241,129,239,134,236,138, 0, 0
 2290 DATA 134,118,132,119,128,120,123,120,119,121,115,123,111,126,109,129
 2300 DATA 108,132,108,134,109,137,111,138, 0, 0
 2310 DATA 141,121,137,123,130,125,121,127,116,129,113,132,111,136,111,138
 2320 DATA 112,141, 0, 0
 2330 DATA 114,155,112,152,111,147,112,141,115,136,118,132,122,129,128,128

2340 DATA 124,131,120,135,117,141,115,147,114,155,114,160,115,165,117,168
 2350 DATA 118,169,119,167,118,163,118,157,120,153,123,149,127,145,123,146
 2360 DATA 119,149,116,152,114,155, 0, 0
 2370 DATA 120,161,124,162,129,163,137,164,143,164,151,162,159,158,163,155
 2380 DATA 165,153, 0, 0
 2390 DATA 124,162,128,159,135,157,141,157,150,156,154,155,158,153,159,152
 2400 DATA 0, 0
 2410 DATA 204,148,201,151,196,154,187,156,181,156,172,155,165,153,159,152
 2420 DATA 153,153,145,156,149,152,154,149,160,148,166,149,174,151,178,151
 2430 DATA 182,150,186,148, 0, 0
 2440 DATA 114,158,111,159,109,161,108,164,114,163, 0, 0
 2450 DATA 118,157,123,155,126,153,126,155,123,159,118,162, 0, 0
 2460 DATA 136,139,138,136,143,133,146,133,148,134,146,136,141,137,136,139
 2470 DATA 0, 0
 2480 ' ヨウワ
 2490 DATA 172,174,171,172,173,169,171,168,171,165,173,163,176,163,176,160
 2500 DATA 178,158,181,159,183,156,185,156,187,158,190,158,194,157,196,159
 2510 DATA 0, 0
 2520 DATA 237,145,240,146,243,146,251,141,258,135,266,127,273,120,278,117
 2530 DATA 283,115,286,115,290,117,292,120,292,126,290,132,289,135,291,140
 2540 DATA 292,145,290,150,285,154,285,157,290,158,290,161,288,164,288,167
 2550 DATA 286,171, 0, 0
 2560 DATA 240,146,236,153,233,161,230,171,229,182,229,198,230,207,229,214
 2570 DATA 230,217,232,219,235,220,238,219,239,216,241,218,243,218,245,215
 2580 DATA 245,213,246,209,249,208,250,206,249,203,246,201,245,199,246,197
 2590 DATA 250,199,255,203,257,203,259,202,261,199,262,194,264,189,267,186
 2600 DATA 269,185,269,183,267,180,264,177,264,175,266,172,263,169,259,166
 2610 DATA 259,164,263,163,267,163,270,161,271,156, 0, 0
 2620 DATA 206,153,201,154,198,156,196,159, 0, 0
 2630 DATA 208,166,201,169,200,166,200,163,202,160,215,155,221,151, 0, 0
 2640 DATA 202,160,205,162,208,166,211,168,215,168,220,166,225,162,230,157
 2650 DATA 233,152,236,146,237,145, 0, 0
 2660 DATA 200,166,198,168,192,171,184,173,177,173,169,175,163,178,163,179
 2670 DATA 170,180,174,182,176,185,178,189,180,190,183,189,188,185,194,180
 2680 DATA 199,174,202,169, 0, 0
 2690 DATA 170,180,167,183,163,185,153,187,147,189,142,192,139,195,140,196
 2700 DATA 144,195,147,194,151,194,154,197,155,201,157,202, 0, 0
 2710 ' ミキテ
 2720 DATA 68,234, 64,230, 61,222, 59,216, 60,215, 63,218, 66,223, 69,226
 2730 DATA 70,225, 68,214, 66,205, 66,199, 67,196, 68,196, 0, 0
 2740 DATA 71,212, 69,208, 68,202, 68,196, 70,192, 71,192, 72,205, 74,213
 2750 DATA 78,220, 83,226, 87,232, 91,232,106,230,114,230,121,231, 0, 0
 2760 DATA 118,241,120,234,122,229,125,226,127,225,129,225,131,224,135,222
 2770 DATA 144,218,148,215,152,210,158,201,162,198,169,195,175,192,178,189
 2780 DATA 0, 0
 2790 ' ヒタリテ
 2800 DATA 271,156,277,160,282,165,286,171,290,178,293,188,296,200,301,210
 2810 DATA 307,219,315,231,321,239,324,245,326,250, 0, 0
 2820 DATA 255,230,262,237,267,245,269,250, 0, 0
 2830 DATA 268,247,270,235,270,222,272,230,273,237,273,243,272,250, 0, 0
 2840 DATA 264,241,265,250, 0, 0
 2850 ' ヨウワ 2
 2860 DATA 12,250, 13,244, 15,241, 18,239, 21,240, 24,243, 26,248, 26,250
 2870 DATA 0, 0
 2880 DATA 18,239, 26,237, 43,235, 60,234, 82,235,103,238,123,242,139,247
 2890 DATA 147,250,153,246,158,241,162,235,165,228,166,221,165,214,166,207
 2900 DATA 168,199,169,195, 0, 0
 2910 DATA 166,223,176,220,187,218,197,217,207,217,219,216,225,215,229,214
 2920 DATA 0, 0
 2930 DATA 166,219,175,216,185,214,197,213,207,213,220,212,227,210,226,199
 2940 DATA 226,182,227,170,229,162,232,154, 0, 0
 2950 ' ホ
 2960 DATA 68,102, 69,103, 77,103, 82,108, 83,107, 83,102, 84,100, 90, 98
 2970 DATA 85, 93, 85, 86, 78, 88, 75, 88, 70, 87, 70, 88, 73, 96, 68,102
 2980 DATA 0, 0
 2990 ' ツイカ
 3000 DATA 155,106,156,110,158,114,161,118,164,121,167,123,171,124,174,123
 3010 DATA 0, 0
 3020 DATA 200, 83,199, 86,199, 89,201, 96,204,101,207,104,210,105,213,104
 3030 DATA 0, 0,999,999

```

3040 '
3050 'サークル 1 DATA
3060
3070 DATA 0, 0, 0
3080
3090 'ポイント DATA
3100
3110 DATA 55FFFFFFF, 180,110,207,150,100,235, 0, 0
3120 DATA 55FF55AFAA, 220,115,235, 90, 0, 0
3130 DATA FF0055FF00AA, 165,115,210, 90, 20,245, 0, 0
3140 DATA 000000, 151,106,190, 85,204, 82,207, 83,210, 85, 0, 0
3150 DATA FF0000, 200, 45,120, 90,260, 90,140,140,114,134, 0, 0
3160 DATA FF55FFFFAAFF, 270,245, 0, 0
3170 DATA FFFFFFF, 160,120,195, 95,235, 25,185,165,250,160,220,160
3180 DATA 203,165,250,220,150,230, 70,240,200,190,200,215
3190 DATA 0, 0
3200 DATA 00FF00, 180,180,170,190, 0, 0
3210 DATA FFFF00, 80, 95, 0, 0
3220 DATA FFFFAAFFFF55, 100, 10,200,153,266,247,999,999
3230
3240 'ライン サイズリ & ライン スタイル DATA
3250
3260 DATA 999, 0, 0, 0, 0,999,999
3270
3280 'ライン DATA (2)
3290
3300 ' X
3310 DATA 0
3320 DATA 161,111,163,115,165,117,169,120,171,120,172,118,171,116,167,111
3330 DATA 164,109,162,109,161,111, 0, 0
3340 DATA 166,122,168,120, 0, 0
3350 DATA 170,124,170,120, 0, 0
3360 DATA 205, 86,203, 86,202, 88,202, 91,204, 96,207,100,209,101,211,100
3370 DATA 212, 97,211, 93,208, 88,205, 86, 0, 0
3380 DATA 205,102,207,100, 0, 0
3390 DATA 210,105,210,101, 0, 0
3400 ' ミミ リホ"ン
3410 DATA 232, 85,234, 84,236, 85,237, 88,236, 94,234, 98, 0, 0
3420 DATA 233, 90,235, 88,236, 87, 0, 0
3430 DATA 235, 23,236, 27,238, 29, 0, 0
3440 DATA 237, 22,240, 25,241, 28, 0, 0
3450 ' ヨツツ
3460 DATA 196,159,195,165,195,168,196,168,200,163, 0, 0
3470 DATA 271,156,275,155,278,152,279,148,278,145,276,143,276,142,279,139
3480 DATA 284,133,284,129,282,123,282,120,284,116,286,115, 0, 0
3490 DATA 121,241,123,235,125,230,127,227,129,225, 0, 0
3500 ' ツイカ
3510 DATA 143, 96,144, 97,147, 95,150, 94,154, 94,158, 95,161, 96,158, 94
3520 DATA 154, 93,150, 93,146, 94,143, 96, 0, 0
3530 DATA 142,105,146,105, 0, 0
3540 DATA 144,109,148,108, 0, 0
3550 DATA 208, 82,210, 79, 0, 0
3560 DATA 211, 85,214, 80, 0, 0
3570 DATA 181, 79,185, 74,189, 71,193, 69,197, 68,201, 67,196, 67,192, 68
3580 DATA 187, 71,184, 74,181, 79, 0, 0,999,999
3590
3600 'サークル 1 DATA (2)
3610
3620 DATA 0, 0, 0
3630
3640 'ポイント DATA (2)
3650
3660 DATA 000000, 165,113,205, 90, 0, 0
3670 DATA FFFFFFF, 168,122,208,103, 0, 0
3680 DATA FF55FFFFAAFF, 285,145,999,999
3690
3700 'ライン サイズリ DATA (2)
3710
3720 ' X カケ"
3730 DATA 7

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3740 DATA 166,127,162,125,157,120,150,110,148,108, 0, 0
3750 DATA 203,109,199,108,196,106,190,100,184, 89, 0, 0
3760 DATA 193, 76,197, 80, 0, 0
3770 DATA 209,107,212,113,213,118,213,123,213,129,209,136,205,143, 0, 0
3780 DATA 207,141,210,146,212,152,212,156, 0, 0
3790 DATA 268,247,270,235,270,222,272,230,273,237,273,243,272,250, 0, 0
3800 DATA 165,113,169,117, 0, 0,174,124,170,126,168,126, 0, 0
3810 DATA 206, 90,208, 96,999,999
3820 DATA 999
3830 '
3840 'ライン スタイル DATA (2)
3850 '
3860 ' カケ"
3870 DATA AAAA
3880 DATA 193, 76, 6,197, 80, 0, 0
3890 DATA 209,107, 6,212,113,213,118,213,123,212,129,209,136,205,143, 0, 0
3900 DATA 207,141, 6,210,146,212,152,212,156, 0, 0
3910 ' ヨウワ
3920 DATA 184,162, 1,188,164,193,165, 0, 0
3930 DATA 183,165, 1,187,167,194,168, 0, 0
3940 DATA 242,150, 1,249,148,255,145,261,142,265,141, 0, 0
3950 DATA 242,152, 1,253,151,258,149, 0, 0
3960 DATA 235,170, 1,241,173,248,175,252,175, 0, 0
3970 DATA 234,172, 1,241,177,249,180, 0, 0
3980 DATA 233,175, 1,237,180,241,184,245,187, 0, 0
3990 DATA 231,184, 1,235,192,240,199, 0, 0
4000 DATA 231,195, 1,234,205,237,211,239,214, 0, 0
4010 DATA 183,241, 1,192,243,200,246,208,250, 0, 0
4020 DATA 999,999,999
4030 '
4040 'サークル 2 DATA
4050 '
4060 DATA 0.5, 7, 7,1.5,163,109,208, 88,888,888
4070 DATA 0.5, 7, 7,0.5, 16,190, 19,194, 22,197, 26,200, 30,202, 35,204
4080 DATA 40,205, 45,206, 50,205, 55,204, 60,202, 64,199
4090 DATA 72,192, 73,190, 75,185, 77,179, 78,173, 78,168
4100 DATA 77,162, 75,156, 72,152, 68,149, 63,148, 58,150
4110 DATA 55,154, 53,160, 52,166, 53,172, 55,177, 58,182
4120 DATA 62,187, 67,190, 77,191, 83,188, 86,185, 89,179
4130 DATA 90,174,888,888
4140 DATA 0.5, 4, 4, 2,175,207,177,196,999,999
4150 '
4160 'ホシ イト"ウ DATA
4170 '
4180 DATA 16,112,160,152, 32, 24,480, 16,592, 64,496,104,576,160, 0, 0
4190 '
4200 '
4210 '
4220 '
4230 ' | ウルヒ ヤツラ ・ ( ソラ オ ト" ト"ウシ"ヨ ヨリ ) , コトリ
4240 ' |
4250 ' | FOR PC-8801 1984年 4月15日
4260 ' |
4270 ' | Copyright タカハシ ルミコ / ショウカ"クカン . キティエンター"プライス" . フジ"テレビ"
4280 ' |
4290 ' |

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うる星やつら お祭りラム

PC-8801/mk II

大島一夫

にぎやかなお祭りラムちゃんを描こう!!

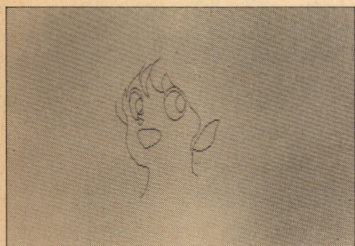
サンデーの表紙となった有名なお祭りラムちゃんは、多くのCGマニアによって描かれています。少々模様は細かくても原画のよさが好まれているでしょう。

このCGもそんな1枚ですが、きれいなカゲのつけ方など、大島さんのテクニックが光っています。お祭りのふんい気はよく出ていますが、ラムの口のまわりがちよっと気になります。解

象度が640×200といっても、口や目のラインはほんとうに微妙で、1ドット変えただけでも見た感じに大きく影響します。元の絵を単にデジタイジングするだけでなく、見た目を大事にして細かく調節することもテクニックのうちです。CGをやる人のセンスが生きてくるのもこの微妙なところにあります。みなさんもいろいろ研究してみてください。

さて、プログラムの方はいつもの通りですが、これは拡張コマンドを使っていません。ディスク版の人は他のプログラムを見て高速化してみるのもよいでしょうし、逆に他をテープ版にするときの参考にもなります。

プログラム部分はともかく、データ部分は数字がほとんどですからテンキーだけで打ち込めます。早い人なら数時間でラムちゃんのはっぴ姿を見ることが出来ますよ!



うる星やつら お祭りラム プログラムリスト

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1000 'ショキセツタイ
1010 CONSOLE 0,25,0,1:WIDTH 80,25
1020 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,4,0:CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250)
1050 'ライン
1060 READ C
1070 READ X,Y:IF X=999 THEN 1100 ELSE PSET (X,Y),C
1080 READ X,Y:IF X= 0 AND Y= 0 THEN 1070 ELSE LINE-(X,Y),C
1090 GOTO 1080
1100 '^ポイント
1110 READ C$:IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
      ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1120 TL$=""
1130 FOR I=1 TO LEN(C$) STEP 2
1140 T=VAL("&H"+MID$(C$,I,2)):TL$=TL$+CHR$(T)
1150 NEXT
1160 READ X,Y:IF X=0 THEN 1100 ELSE IF X=888 THEN 1050 ELSE IF X=999 THEN 1180
1170 PAINT(X,Y),TL$,C,BACK$:GOTO 1160
1180 'ライン サイヨリ

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1190 READ A$,C1:A=VAL("&H"+A$)
1200 READ X,Y:PSET (X,Y),C1
1210 READ X,Y:IF X=0 THEN 1200 ELSE IF X=888 THEN 1190 ELSE IF X=999 THEN 1230
1220 LINE-(X,Y),C1,,A:GOTO 1210
1230 'サークル
1240 READ S,R,C2,C3
1250 READ X,Y:IF X=0 THEN 1240 ELSE IF X=999 THEN 1270
1260 CIRCLE (X,Y),R,C2,,,S:PAINT(X,Y),C3,C2:GOTO 1250
1270 END
2000 '
2010 ' ライン DATA
2020 '
2030 ' ミキ`メ
2040 DATA 0
2050 DATA 150,120,147,120,144,117,142,111,141,105,141, 97,143, 92,145, 90
2060 DATA 147, 90,150, 92,152, 95,154,100,154,110,153,115, 0, 0
2070 DATA 141,105,142, 98,143, 95,145, 94,147, 94,150, 97,153,101,154,105
2080 DATA 0, 0
2090 DATA 152,100,150,100,148,103,147,107,147,110,148,112,150,114,151,114
2100 DATA 153,112,154,109, 0, 0
2110 ' ヒタ`リメ
2120 DATA 188, 89,185, 89,181, 91,178, 94,176, 98,176,103,176,107,177,112
2130 DATA 179,116,181,118,185,120,189,120,193,118,195,116,197,112,198,105
2140 DATA 199,102, 0, 0
2150 DATA 176,103,178, 99,180, 96,182, 94,185, 93,188, 93,192, 96,196,101
2160 DATA 198,105, 0, 0
2170 DATA 192, 96,189, 99,188,104,188,107,189,110,192,113,194,113,196,110
2180 DATA 197,104, 0, 0
2190 ' ハナ`クチ
2200 DATA 155,114,153,115,149,116,149,118,151,122,150,124,152,125,154,123
2210 DATA 155,121,149,118, 0, 0
2220 DATA 150,131,149,133,149,135,151,140,154,145,157,147,159,147,164,145
2230 DATA 169,142,172,138,173,135,173,133,171,131,166,129,155,129,150,131
2240 DATA 0, 0
2250 ' ミミ
2260 DATA 210,173,208,172,205,169,204,165,204,160,205,154,205,149,206,144
2270 DATA 210,138,215,131,217,127,222,123,228,121,231,121,231,123,228,130
2280 DATA 226,139,223,144,219,147,214,149,210,149,205,147, 0, 0
2290 ' カオ
2300 DATA 137, 91,135, 96,134,102,134,110,136,113,138,117,139,121,139,129
2310 DATA 138,137,138,143,140,149,143,154,147,160,151,163,158,165,160,166
2320 DATA 161,169,160,176,158,185,155,191,152,194, 0, 0
2330 ' カミ
2340 DATA 137, 91,137, 96,138,100,139, 93,141, 87,144, 83,151, 76, 0, 0
2350 DATA 156, 67,152, 73,150, 79,150, 82,152, 86,154, 92,156, 95,159, 98
2360 DATA 161, 99,159, 95,158, 90,158, 84,159, 80,161, 77, 0, 0
2370 DATA 171, 61,167, 64,164, 68,162, 73,161, 77,162, 83,164, 88,168, 92
2380 DATA 173, 94,176, 94,174, 90,173, 85,175, 79,178, 75, 0, 0
2390 DATA 178, 75,180, 81,183, 86,188, 89,190, 90,193, 93,196, 96,198, 99
2400 DATA 199,102,202,108,205,111,208,113,210,115,212,119,212,124,211,129
2410 DATA 209,133,205,138,203,144,203,150,205,154, 0, 0
2420 DATA 152, 86,152, 81,154, 76,157, 71,162, 66, 0, 0
2430 DATA 127,103,127,109,128,114,131,119,134,122,139,125, 0, 0
2440 DATA 204,159,209,161,212,161,215,159,219,161,222,161,227,159,231,155
2450 DATA 233,151,239,149,244,145,247,140, 0, 0
2460 DATA 223,144,225,147,229,150,231,151,233,151, 0, 0
2470 DATA 212,155,216,157,219,157, 0, 0
2480 DATA 123, 93,122, 87,122, 84,124, 77,128, 70,133, 63,139, 58,146, 53
2490 DATA 155, 49,164, 46,173, 44,180, 44,188, 46,196, 49,203, 53,208, 58
2500 DATA 216, 58,224, 60,232, 64,238, 69,244, 76,249, 85,250, 89, 0, 0
2510 DATA 198, 55,203, 56,208, 58,216, 62,224, 67,230, 73,236, 82,240, 92
2520 DATA 0, 0
2530 ' ツノ
2540 DATA 146, 53,149, 47,151, 45,155, 47,157, 48, 0, 0
2550 DATA 229, 72,236, 72,242, 74, 0, 0
2560 DATA 244, 76,243, 82,241, 87,239, 90, 0, 0
2570 ' ハチマキ
2580 DATA 127,111,124,109,121,105,120,101,121, 97,123, 93,126, 89,127, 84
2590 DATA 129, 80,132, 76,135, 74,138, 73,140, 70,143, 68,146, 67,149, 65
2600 DATA 152, 65,156, 67, 0, 0
2610 DATA 127,103,128, 98,128, 94,130, 91,134, 88,138, 84,140, 80,147, 78
2620 DATA 151, 74, 0, 0
2630 DATA 184, 66,189, 64,195, 66,200, 66,206, 68,208, 70,213, 70,218, 72

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2640 DATA 222, 75,225, 79,231, 81,235, 84,238, 87,240, 92,244, 94,247, 98
 2650 DATA 248,103,251,105,259,112,263,115,267,122,273,135,274,139,273,143
 2660 DATA 271,145,268,145,266,143,261,140,257,140,252,142,247,140,244,134
 2670 DATA 243,130,244,123,247,115,247,109,245,108,240,105,237,101,232, 98
 2680 DATA 229, 95,227, 95,224, 92,220, 90,215, 87,212, 82,207, 82,203, 80
 2690 DATA 199, 77,198, 78,191, 76,188, 77,181, 77,178, 75, 0, 0
 2700 DATA 244, 94,247, 90,260, 88,267, 90,270, 94,270, 97,266,105,264,110
 2710 DATA 264,113,263,115, 0, 0,178, 75,179, 71,184, 66, 0, 0
 2720 ' 7
 2730 DATA 250,176,262,172,276,169,284,167,288,165,295,161,299,157,301,152
 2740 DATA 301,148,297,139,294,130,292,119,291,105,290, 90,289, 83,287, 78
 2750 DATA 285, 75,281, 73, 0, 0
 2760 DATA 285,166,281,153,279,142,278,127,278,100,279, 81,281, 71,283, 65
 2770 DATA 286, 59,290, 53,298, 45,301, 40,302, 39,303, 39,303, 44,300, 51
 2780 DATA 308, 48,313, 47,316, 48,317, 50,320, 52,322, 56,324, 58,324, 63
 2790 DATA 327, 66,327, 70,326, 73,324, 77,319, 79,322, 88,318, 90,315, 81
 2800 DATA 306, 85,300, 90, 0, 0
 2810 DATA 215,234,228,228,245,221,265,216,283,210,297,203,309,195,316,188
 2820 DATA 320,181,322,173,322,165,320,156,315,142,308,126,303,114,300,102
 2830 DATA 300, 90,298, 86, 0, 0
 2840 DATA 229,202,250,194,268,187,290,180,307,175,316,173,319,173,321,175
 2850 DATA 0, 0
 2860 ' カ7
 2870 DATA 247, 0,244, 6,240, 11,246, 9,252, 5,257, 3,255, 8,250, 12
 2880 DATA 244, 15,251, 15,260, 12,260, 14,264, 14,285, 5,300, 0, 0, 0
 2890 DATA 270, 0,264, 8,272, 5,280, 0, 0, 0
 2900 DATA 308, 0,256, 20,251, 21,259, 25,282, 16,284, 16,286, 18,287, 23
 2910 DATA 282, 23,285, 26,286, 29,290, 31,292, 31,295, 29,296, 25,295, 19
 2920 DATA 292, 12,312, 4,324, 2,325, 0, 0, 0
 2930 DATA 267, 25,267, 28,265, 33,261, 37,268, 34,273, 30,275, 23,267, 25
 2940 DATA 0, 0
 2950 DATA 304, 14,304, 16,307, 18,313, 16,318, 15,325, 15,322, 12,314, 9
 2960 DATA 311, 9,307, 11,304, 14, 0, 0
 2970 DATA 219, 0,217, 5,215, 12,214, 20,215, 28,218, 34,222, 39,228, 44
 2980 DATA 236, 49,248, 54,262, 58,277, 60,285, 60, 0, 0
 2990 DATA 317, 50,327, 45,337, 37,343, 30,348, 23,351, 16,353, 7,353, 0
 3000 DATA 0, 0
 3010 DATA 272, 59,274, 52,278, 45,284, 39,291, 34,299, 31,308, 29,315, 29
 3020 DATA 323, 31,330, 34,335, 38, 0, 0
 3030 ' 77
 3040 DATA 90,250, 90,241, 92,232, 95,226, 99,218,102,214,105,209,108,204
 3050 DATA 111,201,114,194,117,191,120,191,123,189,126,189,130,192,134,192
 3060 DATA 137,189,145,184,155,181,159,181, 0, 0
 3070 DATA 125,217,123,211,123,207,126,201,131,195,134,192, 0, 0
 3080 DATA 139,205,138,200,143,194,150,189,158,185, 0, 0
 3090 DATA 94,250,101,240,109,231,119,222,125,217,139,205,152,196,165,188
 3100 DATA 182,178,194,173,206,170, 0, 0
 3110 DATA 115,250,125,240,136,230,149,219,165,207,180,198,185,190,187,190
 3120 DATA 195,182,204,177,208,176, 0, 0
 3130 DATA 195,195,201,189,208,176,213,170,218,167,221,167,225,169,226,171
 3140 DATA 229,169,233,169,237,171,241,169,244,169,248,172,250,176,241,186
 3150 DATA 233,196,227,205,221,218,215,234,212,246,211,250, 0, 0
 3160 DATA 226,171,220,179,213,189,206,202,200,217,195,235,193,250, 0, 0
 3170 DATA 237,171,229,181,223,191,216,204,207,221,200,237,195,250, 0, 0
 3180 DATA 242,222,241,230,238,239,233,250, 0, 0
 3190 DATA 171,250,173,244,173,235,176,229,176,223,177,219,176,213,176,206
 3200 DATA 180,200,180,198,185,190,187,190,189,194,199,196,200,200,198,205
 3210 DATA 197,210,191,216,186,219,187,225,187,228,188,235,191,242,192,250
 3220 DATA 0, 0
 3230 ' カミ (ジイ777)
 3240 DATA 131, 90,130, 96,129,103,130,105,131,105,132, 98,134, 88, 0, 0
 3250 DATA 126, 89,126, 82,127, 78,130, 73,132, 70,135, 69,134, 71,134, 74
 3260 DATA 137, 70,141, 66,147, 62,145, 60,149, 57,154, 54,160, 51,165, 49
 3270 DATA 167, 50,166, 51,167, 52,172, 50,175, 50,177, 52,177, 53,172, 55
 3280 DATA 166, 58,161, 62,156, 67, 0, 0
 3290 DATA 153, 78,153, 75,155, 71,159, 67,162, 65,162, 66, 0, 0
 3300 DATA 158, 87,156, 85,155, 80,157, 80,159, 76,157, 75,159, 72,162, 68
 3310 DATA 164, 68, 0, 0
 3320 DATA 170, 68,168, 68,166, 72,165, 76,165, 80,167, 84,169, 86,171, 86
 3330 DATA 172, 83,172, 80,174, 75,176, 73,179, 71,184, 66,186, 62,186, 60
 3340 DATA 184, 57,182, 57,179, 59,175, 63,173, 67,178, 65,178, 67,174, 70
 3350 DATA 171, 75,170, 80,170, 83,168, 80,168, 75,170, 71,170, 68, 0, 0
 3360 DATA 195, 66,193, 62,189, 59,189, 58,192, 58,202, 60,208, 63,214, 67

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3370 DATA 213, 68,214, 70, 0, 0
3380 DATA 198, 78,200, 82,205, 86,211, 90,215, 95,218,101,219,106,221,100
3390 DATA 221, 94,220, 90, 0, 0
3400 DATA 218, 72,218, 70,222, 72,227, 76,231, 81, 0, 0
3410 DATA 223, 92,225,101,225,110,223,123, 0, 0
3420 DATA 234,100,235,105,235,110,234,116,231,123, 0, 0
3430 DATA 243, 82,246, 86,247, 90, 0, 0
3440 DATA 238,103,239,108,239,111,237,119,233,126,231,131,231,134,233,137
3450 DATA 236,137,240,135,242,133,241,131,237,133,235,133,235,131,238,128
3460 DATA 242,122,244,116,245,108, 0, 0
3470 DATA 227,136,229,139,233,140,237,140,241,138,244,134, 0, 0
3480 DATA 225,141,227,144,230,147,233,148,235,148,238,146,231,145,230,143
3490 DATA 237,143,241,142,240,145,243,143,245,137, 0, 0
3500 DATA 205,156,208,158,213,158,209,153,208,149, 0, 0
3510 DATA 210,149,215,152,219,152,213,154,217,155,223,153,219,157,223,157
3520 DATA 228,155,231,151, 0, 0
3530 DATA 216, 62,225, 65,231, 68,236, 72, 0, 0
3540 DATA 149, 65,152, 60,155, 57,158, 55,160, 55,161, 57,159, 61,154, 66
3550 DATA 0, 0
3560 ' 77"
3570 DATA 83,209, 80,213, 79,216, 79,219, 81,220, 84,216, 85,217, 83,221
3580 DATA 83,224, 85,226, 91,226, 94,225, 94,223, 96,222, 98,217, 98,214
3590 DATA 96,210, 93,207, 91,207, 87,208, 86,207, 83,207, 83,209, 0, 0
3600 DATA 97,210, 96,210, 93,207, 92,204, 92,202, 96,202, 96,200, 92,200
3610 DATA 93,197, 96,195, 99,195, 99,193,102,193,102,195,105,197,107,201
3620 DATA 107,205,105,209,101,210,100,211, 97,210, 0, 0
3630 ' 7f
3640 DATA 130, 66,125, 58,120, 53,114, 49,111, 47,109, 44,108, 41,107, 34
3650 DATA 105, 25,100, 15, 93, 7, 84, 0, 92, 2, 98, 5,104, 10,109, 16
3660 DATA 113, 23,116, 33,116, 40,123, 43,130, 47,135, 52,139, 57, 0, 0
3670 DATA 138,188,134,181,129,175,122,169,114,164,113,152,111,143,108,134
3680 DATA 103,127, 97,122, 88,118, 77,115, 72, 98, 68, 88, 62, 81, 55, 75
3690 DATA 47, 70, 38, 67, 46, 74, 54, 82, 60, 91, 64,102, 67,116, 78,121
3700 DATA 88,128, 97,137,102,147,105,158,105,165,114,172,122,182,124,189
3710 DATA 0, 0
3720 DATA 223,161,226,164,228,169, 0, 0
3730 DATA 213,161,216,164,217,167, 0, 0
3740 DATA 263,217,269,221,275,227,279,234,283,244,284,250, 0, 0
3750 DATA 254,219,262,226,267,235,270,245,270,250, 0, 0,999,999
3760
3770 ' ^°INT DATA
3780
3790 DATA 000011000044, 130, 76,131, 95,150, 60,157, 70,160, 75,180, 65
3800 DATA 205, 65,210, 85,225, 77,230,110,230, 70,244, 90
3810 DATA 155, 73,240,120,240,140,220,150,207,155, 0, 0
3820 DATA FFFFFF, 145,105,152,114,185,110,160,140,195,190,180,225
3830 DATA 150,230,260, 5,290, 10,270, 30,310, 15,300, 35
3840 DATA 210,165,100,100,140, 75,250,100,220, 80,250,230
3850 DATA 100,214, 0, 0
3860 DATA AAFFAA55FF55, 152,122,170,150,290,150,300,190,220,140, 0, 0
3870 DATA EEFFEEBFFB8B, 300,160,150,195, 0, 0
3880 DATA 00FFEE00FF8B, 150, 49,240, 80, 0, 0
3890 DATA FF0055FF00AA, 150,110,190,105, 0, 0
3900 DATA 00AA00005500, 130,200, 0, 0
3910 DATA 00FF00, 120,210,275, 2,300, 20,160,200, 0, 0
3920 DATA FF0000, 210,180, 0, 0
3930 DATA FF00FF, 230,190,230,240, 0, 0
3940 DATA 00FFFF, 100,200, 90,215, 0, 0
3950 DATA FF66FFFF99FFFF99FFFF66FF, 220,165,270,230,100,130,110, 30
3960 DATA 0, 0
3970 DATA FF6600FF9900FF9900FF6600, 270,120,350,125,888,888
3980
3990 ' 77" DATA (2)
4000
4010 ' x
4020 DATA 0
4030 DATA 153,102,151,102,150,104,149,107,150,111,152,113, 0, 0
4040 DATA 153,101,150, 96,147, 93,145, 93,143, 95, 0, 0
4050 DATA 139, 95,141, 97, 0, 0,139, 99,142,101, 0, 0
4060 DATA 138,101,141,103, 0, 0,138,104,141,105, 0, 0
4070 DATA 144, 86,145, 84,147, 83,149, 84,151, 88,149, 86,147, 84,145, 84
4080 DATA 0, 0
4090 DATA 176,103,178, 97,182, 93,185, 92,189, 92,193, 95,197,100,198,105

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4100 DATA 0, 0,198, 99,201, 96, 0, 0,199,102,202,100,203, 97, 0, 0
 4110 DATA 194, 99,192,100,191,104,191,107,192,109,194,109,195,105,195,102
 4120 DATA 194, 99, 0, 0,194, 94,197, 92, 0, 0,196, 96,200, 94, 0, 0
 4130 DATA 178, 86,180, 83,183, 82,186, 84,187, 86,186, 86,184, 84,183, 82
 4140 DATA 0, 0
 4150 ' クチ ミ
 4160 DATA 149,134,152,136,152,133,154,132,163,132,169,134,169,137,171,135
 4170 DATA 173,135, 0, 0,155,151,157,152,159,152, 0, 0
 4180 DATA 208,145,211,141,217,139,222,135,224,131,224,129,222,127,220,127
 4190 DATA 218,130, 0, 0,215,134,217,133,219,136,217,139, 0, 0
 4200 ' カノ カナ
 4210 DATA 139,120,144,117, 0, 0,139,123,144,125,147,125,150,124, 0, 0
 4220 DATA 154,110,159,107,162,107,169,110,173,114,178,118,181,119, 0, 0
 4230 DATA 155,114,161,116,168,119,175,123,181,126,188,128,200,126,205,124
 4240 DATA 205,122,203,120,198,120,193,119, 0, 0
 4250 DATA 162, 83,161, 86,161, 89,163, 93,166, 96,171, 98,174, 98,172, 94
 4260 DATA 0, 0,175, 79,176, 82,178, 86,182, 90, 0, 0
 4270 DATA 198,106,201,111,205,116,209,120,210,123,208,129,205,135,203,139
 4280 DATA 203,143, 0, 0
 4290 DATA 159,165,165,164,174,162,186,160,193,158,195,158,196,160,193,163
 4300 DATA 187,169,183,174,181,178, 0, 0
 4310 ' フ
 4320 DATA 105,209,110,205,115,202,124,195,130,192, 0, 0
 4330 DATA 111,201,116,198,124,195, 0, 0
 4340 DATA 90,241,101,240, 0, 0
 4350 DATA 191,185,193,179,195,175,197,172, 0, 0
 4360 DATA 177,218,174,215,170,213,167,213,162,214,159,216,156,220,155,225
 4370 DATA 155,228,156,232,159,235,163,237,167,237,173,235, 0, 0
 4380 DATA 161,210,166,208,170,208,175,210,176,211, 0, 0
 4390 DATA 151,218,150,224,150,229,152,234,155,238,160,241,163,242,168,242
 4400 DATA 173,240, 0, 0,170,204,176,206, 0, 0
 4410 DATA 125,240,140,238,146,238,160,241,172,245, 0, 0
 4420 DATA 177,219,181,218,186,219, 0, 0,176,229,180,226,187,225, 0, 0
 4430 DATA 181,215,191,205,189,203,187,205, 0, 0
 4440 DATA 173,244,177,236,182,230,187,225, 0, 0
 4450 DATA 185,229,186,234,186,239,184,246,182,249, 0, 0
 4460 DATA 212,246,214,250, 0, 0,221,250,226,245,230,240, 0, 0
 4470 DATA 193,214,197,215,201,213, 0, 0
 4480 DATA 215,206,219,206,222,208,223,213, 0, 0
 4490 DATA 199,240,203,243,206,247,207,250, 0, 0
 4500 DATA 236,225,233,233,234,235,234,239,232,245,229,250, 0, 0
 4510 DATA 181,218,179,221,176,226, 0, 0,186,219,184,222,182,226, 0, 0
 4520 ' フ
 4530 DATA 300, 51,295, 59,297, 62,297, 65,301, 65,300, 68,302, 71,309, 68
 4540 DATA 316, 64,324, 63, 0, 0,297, 62,302, 57,310, 53,317, 50, 0, 0
 4550 DATA 301, 65,308, 60,316, 57,322, 56, 0, 0
 4560 DATA 309, 68,306, 73,306, 76,310, 80,313, 80,313, 75,315, 81, 0, 0
 4570 DATA 310, 76,318, 71,322, 70, 0, 0,319, 79,317, 72, 0, 0
 4580 DATA 318, 71,318, 73,321, 77, 0, 0
 4590 ' ス
 4600 DATA 83,209, 86,211, 89,215, 91,221, 91,226, 0, 0
 4610 DATA 86,207, 89,210, 92,215, 94,223, 0, 0
 4620 DATA 99,195,100,199,100,203, 97,210, 0, 0
 4630 DATA 102,195,103,199,103,203,100,211, 0, 0
 4640 ' ヴ
 4650 DATA 149, 49,151, 49,153, 47, 0, 0
 4660 DATA 237, 73,237, 77,239, 81,242, 83, 0, 0,999,999
 4670
 4680 ' ^イント DATA (2)
 4690
 4700 DATA EEFFEEBBFFBB, 140,110,170,100,177, 90,180,140, 0, 0
 4710 DATA 00FFAA00FF55, 317, 80, 0, 0
 4720 DATA 11FF1144FF44, 160,140, 0, 0
 4730 DATA 00FF00, 120,210,100,235,152,225,185,210,180,240
 4740 DATA 180,222, 0, 0
 4750 DATA FF0000, 175,203, 95,245,150,245, 0, 0
 4760 DATA FFFFFF, 110,210,190,230,210,230,236,235, 0, 0
 4770 DATA 00AA00005500, 150,205, 0, 0
 4780 DATA 000000, 152,105,193,105, 0, 0
 4790 DATA 110000440000, 120,194,888,888
 4800
 4810 ' ライン ^イント DATA (3)
 4820

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4830 ' 77
4840 DATA 0
4850 DATA 93,231, 96,233,103,233,109,231, 0, 0
4860 DATA 115,225,117,221,117,215,116,210,113,205,118,207,123,207, 0, 0
4870 DATA 102,214,107,210,110,208,115,202, 0, 0,999,999
4880 DATA 00FF00, 110,220,888,888, 0
4890 DATA 110,208,109,211,105,217, 99,222, 95,226, 99,229,103,229,109,226
4900 DATA 113,220,113,215,112,211,110,208, 0, 0,999,999
4910 DATA FFFFFF, 105,220, 0, 0
4920 DATA FF0000, 123,200,999,999
4930 '
4940 ' ライン サイズヨリ DATA
4950 '
4960 ' X
4970 DATA FFFF, 7
4980 DATA 144,117,142,111,141,105, 0, 0
4990 DATA 176, 98,176,103,176,107,177,112,179,116, 0, 0
5000 DATA 195,116,197,112,198,105, 0, 0
5010 ' ハナ ・ カケ
5020 DATA 150,124,152,125,154,123,155,121, 0, 0
5030 DATA 139,120,144,117, 0, 0,139,123,144,125,147,125,150,124, 0, 0
5040 DATA 154,110,159,107,162,107,169,110,173,114,178,118,181,119, 0, 0
5050 DATA 155,114,161,116,168,119,175,123,181,126,188,128,200,126,205,124
5060 DATA 205,122,203,120,198,120,193,119, 0, 0
5070 DATA 162, 83,161, 86,161, 89,163, 93,166, 96,171, 98,174, 98,172, 94
5080 DATA 0, 0,175, 79,176, 82,178, 86,182, 90, 0, 0
5090 DATA 198,106,201,111,205,116,209,120,210,123,208,129,205,135,203,139
5100 DATA 203,143, 0, 0,159,165,165,164, 0, 0,174,162,186,160, 0, 0
5110 DATA 196,160,193,163,187,169,183,174,181,178, 0, 0
5120 DATA 288,165,295,161,299,157,301,152,301,148,297,139,294,130,292,119
5130 DATA 291,105,290, 90,289, 83,287, 78,285, 75,281, 73, 0, 0
5140 DATA 229,202,250,194,268,187,290,180,307,175,316,173,319,173,321,175
5150 DATA 888,888
5160 DATA AAAA, 2
5170 DATA 150,124,152,125,154,123,155,121, 0, 0
5180 DATA 139,120,144,117, 0, 0,139,123,144,125,147,125,150,124, 0, 0
5190 DATA 154,110,159,107,162,107,169,110,173,114,178,118,181,119, 0, 0
5200 DATA 155,114,161,116,168,119,175,123,181,126,188,128,200,126,205,124
5210 DATA 205,122,203,120,198,120,193,119, 0, 0
5220 DATA 162, 83,161, 86,161, 89,163, 93,166, 96,171, 98,174, 98,172, 94
5230 DATA 0, 0,175, 79,176, 82,178, 86,182, 90, 0, 0
5240 DATA 198,106,201,111,205,116,209,120,210,123,208,129,205,135,203,139
5250 DATA 203,143, 0, 0,159,165,165,164, 0, 0,174,162,186,160, 0, 0
5260 DATA 196,160,193,163,187,169,183,174,181,178, 0, 0
5270 DATA 288,165,295,161,299,157,301,152,301,148,297,139,294,130,292,119
5280 DATA 291,105,290, 90,289, 83,287, 78,285, 75,281, 73, 0, 0
5290 DATA 229,202,250,194,268,187,290,180,307,175,316,173,319,173,321,175
5300 DATA 888,888
5310 ' ハチマキ
5320 DATA 7777, 0
5330 DATA 127,103,125, 95,126, 89, 0, 0,140, 80,144, 72,146, 77, 0, 0
5340 DATA 131, 90,133, 84,135, 79,138, 73, 0, 0,191, 76,195, 66,888,888
5350 DATA 5555, 0
5360 DATA 198, 78,202, 74,208, 70, 0, 0,212, 82,217, 79,223, 77, 0, 0
5370 DATA 229, 95,228, 91,240, 92, 0, 0,245,108,245,104,248,103, 0, 0
5380 DATA 247,109,251,105, 0, 0
5390 DATA 274, 55,285, 58, 0, 0,274, 52,287, 55, 0, 0
5400 DATA 278, 47,289, 52, 0, 0,281, 44,291, 49, 0, 0
5410 DATA 284, 39,292, 46, 0, 0,288, 37,294, 44, 0, 0
5420 DATA 292, 35,297, 44, 0, 0,296, 33,299, 42, 0, 0
5430 DATA 299, 32,300, 40, 0, 0,302, 31,302, 38, 0, 0
5440 DATA 306, 30,305, 47, 0, 0,310, 30,307, 44, 0, 0
5450 DATA 313, 31,309, 43, 0, 0,317, 31,310, 44, 0, 0
5460 DATA 321, 32,312, 45, 0, 0,325, 32,314, 46, 0, 0
5470 DATA 329, 35,316, 47, 0, 0,332, 38,318, 48,888,888
5480 DATA AAAA, 4
5490 DATA 122,106,124,105,126,107,125,109, 0, 0
5500 DATA 121,104,124,101,126,104, 0, 0,122, 96,123,100,125, 98, 0, 0
5510 DATA 124, 92,125, 95, 0, 0,125, 91,129, 89,130, 91, 0, 0
5520 DATA 127, 85,132, 83,132, 76, 0, 0,128, 83,130, 82,130, 79, 0, 0
5530 DATA 135, 79,134, 78,135, 74, 0, 0,135, 79,139, 76,138, 73, 0, 0
5540 DATA 134, 82,135, 86, 0, 0,137, 85,136, 81,141, 77, 0, 0
5550 DATA 142, 69,142, 73,143, 73, 0, 0,144, 74,146, 74,145, 71, 0, 0

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5560 DATA 143, 77,146, 77,148, 71,147, 68, 0, 0
5570 DATA 149, 66,151, 69,151, 72, 0, 0,153, 66,154, 69, 0, 0
5580 DATA 179, 72,184, 71,188, 77, 0, 0,180, 75,183, 74,184, 77, 0, 0
5590 DATA 183, 68,187, 69,188, 64, 0, 0,195, 68,200, 69,203, 67, 0, 0
5600 DATA 193, 73,198, 71,200, 76, 0, 0,195, 74,198, 74,198, 77, 0, 0
5610 DATA 200, 72,206, 68, 0, 0,202, 74,203, 80,206, 79,205, 73, 0, 0
5620 DATA 207, 72,208, 76,216, 72,217, 79, 0, 0
5630 DATA 209, 71,210, 73,213, 71, 0, 0,207, 81,214, 77,215, 80, 0, 0
5640 DATA 218, 74,220, 78, 0, 0,213, 82,222, 80,223, 87,229, 83, 0, 0
5650 DATA 215, 85,219, 83,220, 87, 0, 0,224, 91,230, 86,231, 90, 0, 0
5660 DATA 234, 91,232, 87,236, 86, 0, 0,231, 95,236, 93,238, 99, 0, 0
5670 DATA 239, 94,241, 98,245, 96, 0, 0,250,112,252,115, 0, 0
5680 DATA 240,103,245,100,243,106, 0, 0,258,112,257,117,262,119, 0, 0
5690 DATA 247,115,250,109,255,112,253,118,247,115, 0, 0
5700 DATA 249,116,250,122,244,126, 0, 0,246,118,247,120,245,123, 0, 0
5710 DATA 243,130,249,126,254,135,250,140, 0, 0
5720 DATA 254,127,258,122,263,131,257,133,255,129, 0, 0
5730 DATA 245,134,248,132,250,136,247,138, 0, 0
5740 DATA 257,127,258,130,260,129, 0, 0,260,139,266,134,269,140, 0, 0
5750 DATA 267,122,265,126,270,130, 0, 0,264,141,266,140,268,143, 0, 0
5760 DATA 269,133,272,140, 0, 0,249, 92,255, 90, 0, 0
5770 DATA 263, 90,264, 94,268, 93, 0, 0,259, 89,260, 98,268, 97, 0, 0
5780 DATA 245, 94,248, 93,249, 98, 0, 0,249, 96,253, 95,254, 99, 0, 0
5790 DATA 249,100,254,103,254,106, 0, 0,257,103,263,101,265,106, 0, 0
5800 DATA 259,105,262,105,263,110, 0, 0,257,107,259,112,888,888
5810 ' 77
5820 DATA FFFF, 5
5830 DATA 215,206,219,206,222,208,223,213, 0, 0
5840 DATA 199,240,203,243,206,247,207,250, 0, 0
5850 DATA 236,225,233,233,234,235,234,239,232,245,229,250, 0, 0
5860 ' 7E
5870 DATA 130, 66,125, 58,120, 53,114, 49,111, 47,109, 44,108, 41,107, 34
5880 DATA 105, 25,100, 15, 93, 7, 84, 0, 92, 2, 98, 5,104, 10,109, 16
5890 DATA 113, 23,116, 33,116, 40,123, 43,130, 47,135, 52,139, 57, 0, 0
5900 DATA 138,188,134,181,129,175,122,169,114,164,113,152,111,143,108,134
5910 DATA 103,127, 97,122, 88,118, 77,115, 72, 98, 68, 88, 62, 81, 55, 75
5920 DATA 47, 70, 38, 67, 46, 74, 54, 82, 60, 91, 64,102, 67,116, 78,121
5930 DATA 88,128, 97,137,102,147,105,158,105,165,114,172,122,182,125,189
5940 DATA 0, 0
5950 DATA 223,161,226,164,228,169, 0, 0
5960 DATA 213,161,216,164,217,167, 0, 0
5970 DATA 263,217,269,221,275,227,279,234,283,244,284,250, 0, 0
5980 DATA 254,219,262,226,267,235,270,245,270,250,888,888
5990 DATA FFFF, 7
6000 DATA 151,106,151,108,152,109,153,108,153,106,152,105,151,106, 0, 0
6010 DATA 152,105,152,108, 0, 0
6020 DATA 194,102,194,104,195,104,195,102,194,102,888,888
6030 ' E3
6040 DATA FFFF, 0
6050 DATA 156,230,158,231,160,234,164,232,163,235,165,235,169,232,171,232
6060 DATA 173,234, 0, 0,157,219,158,222, 0, 0,159,217,162,220, 0, 0
6070 DATA 158,231,157,226,158,222,160,222,162,220,165,219,168,220,170,222
6080 DATA 173,221,175,223, 0, 0,168,220,170,216,173,221, 0, 0
6090 DATA 160,227,162,229,162,230,159,230,158,228,160,227, 0, 0
6100 DATA 165,230,168,230,170,229,169,227,167,227,165,229,165,230, 0, 0
6110 DATA 109,211,110,214,109,218,110,220,110,222,108,225,108,226,104,224
6120 DATA 101,226, 98,226, 97,228, 0, 0, 99,222,101,224,101,226, 0, 0
6130 DATA 106,216,108,215,109,216,108,217,106,216,999,999
6140 '
6150 ' サークル DATA
6160 '
6170 DATA 1, 1, 7, 7,999,999
6180 '
6190 '
6200 '
6210 '
6220 '   ヲルヒイ   ヤツラ   ( LUM )   FOR   PC-8801   mk 2
6230 '
6240 '
6250 '
6260 '   Copyright   タカハシ ルミコ   /   ショウカクカン   ,   フジテレビ   ,   キティ フィルム
6270 '
6280 '

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うる星やつら ウエディングラム

PC-8801/mk II

大島一夫

ウエディングラムちゃんがウインク!!

ウエディング姿のラムちゃんも今では、多くのCGファンに描かれている絵の1つです。

この作品は、ラムの目の部分を描きなおしており、GET@、PUT@文で置きかえることによって、ウエディング姿のラムちゃんがウインクするようになっています。しかし、PC-8801のグラフィック・スピードではややおそすぎてしまうのがとても残念です。

このプログラムを、RS-232Cを通して、PC-9801に送ってRUNさせたら、本当にウインクしているように見えるでしょう。

全体としては、とてもシンプルに仕上がっています。しかし、白い部分が多すぎたために、ボーっとした感じがします。

また、そのために絵の中の一番濃い部分である髪がめだってしまったようです。そして、背



いえることなのですが、大半は、動きのない人物の顔のアップとかバストアップが多いようです。もっと動きのあるオリジナリティーの強い作品が描けると、きっとすばらしい作品になると思います。また、絵にとって、バックはともただいじな場所です。メインになる人物と同じくらい、バックの処理にも気を配ってみ

ましょう。そうすれば、グッとハイセンスで、ハイレベルなCG作品になり、満足のいくものになるはずです。

たまたま、この部分で、こんな話となってしまうましたが、みなさんも、もっとガンバって、どんどんよいCG作品をつくっていくよう心がけてください!!

景に使っている淡い中間色と黄色は、とても明るくてキレイなのですが、もう少し色を濃く落として、遠近感を出したなら、もっとよい作品になったように思います。

いろいろなCGの絵でも



うる星やつら ウエディングラム プログラムリスト

```
1000 'ジョッキセツイ
1010 CONSOLE 0,25,0,1:WIDTH 80,25:DIM A%(896),B%(896),C%(896)
1020 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,7,0:CLS 3:COLOR 7,0,0
1040 WINDOW (35,0)-(435,250)
1050 'ライン
1060 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1110
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リスト続く

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1070 PSET (X,Y),0
1080 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1060
1090 LINE-(X,Y),0
1100 GOTO 1080
1110 'サークル 1
1120 READ X,Y,R:IF X=999 AND Y=999 THEN GOTO 1150
1130 R=R/2:CIRCLE(X,Y),R,0
1140 GOTO 1120
1150 'ヘアイント
1160 READ C$
1170 READ X,Y
1180 IF X= 0 THEN 1160 ELSE IF Y=999 THEN GOTO 1230
1190 TL$="":FOR I=1 TO LEN(C$) STEP 2:T=VAL("&H"+MID$(C$,I,2))
1200 TL$=TL$+CHR$(T):NEXT
1210 PAINT(X,Y),TL$,0
1220 GOTO 1170
1230 READ X,Y,Z:IF X=999 AND Y=999 THEN GOTO 1260
1240 PAINT(X,Y),Z,0
1250 GOTO 1230
1260 'サークル 2
1270 READ X,Y,R,Z,S
1280 IF X=999 AND Y=999 THEN GOTO 1310
1290 CIRCLE(X,Y),R,Z,,,S:PAINT(X,Y),Z,Z
1300 GOTO 1270
1310 'ラインサイヨリ
1320 READ X,Y,Z:IF X=999 AND Y=999 THEN GOTO 1370
1330 PSET (X,Y),Z
1340 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1320
1350 LINE-(X,Y),Z
1360 GOTO 1340
1370 'ライン スタイル
1380 READ X,Y,Z:IF X=999 AND Y=999 THEN GOTO 1440
1390 PSET (X,Y),Z
1400 READ A$:A=VAL("&H"+A$)
1410 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1380
1420 LINE-(X,Y),Z,,A
1430 GOTO 1410
1440 'サークル 3
1450 READ X,Y,R,W,Z
1460 IF X=999 THEN 1490 ELSE IF Y=999 THEN 1530 ELSE IF R= 90 THEN 1560
1470 CIRCLE(X,Y),R,Z:PAINT(X,Y),W,Z
1480 GOTO 1450
1490 'メ ラ ウ コ カス
1500 GET@(224, 68)-(355,102),A%
1510 LINE(175, 85)-(257,128),7,BF
1520 GOTO 1050
1530 GET@(224, 68)-(355,102),B%
1540 LINE(175, 85)-(257,128),7,BF
1550 GOTO 1050
1560 GET@(224, 68)-(355,102),C%
1570 PUT@(224, 68),A%,PSET
1580 FOR I=1 TO 1000
1590 NEXT I
1600 PUT@(224, 68),C%,PSET
1610 FOR I=1 TO 50
1620 NEXT I
1630 PUT@(224, 68),B%,PSET
1640 FOR I=1 TO 2
1650 NEXT
1660 PUT@(224, 68),C%,PSET
1670 GOTO 1570
2000 'カミ
2010 DATA 177, 69,176, 73,176, 77,177, 83,179, 89,182, 94,185, 96,189, 98
2020 DATA 194, 99,192, 95,191, 90,190, 84,191, 75,192, 68,194, 63,192, 68
2030 DATA 194, 73,196, 78,199, 83,202, 87,206, 90,211, 93,216, 95,226, 97
2040 DATA 223, 94,220, 90,215, 81,212, 74,211, 68,215, 75,219, 80,224, 84
2050 DATA 231, 89,239, 93,245, 95,250, 97,256,100,258,102,260,106,261,110
2060 DATA 0, 0
2070 DATA 261,115,262,125,263,128, 0, 0

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2080 DATA 186,129,184,129,175,125,168,121,163,117,159,112,155,105,153, 99
 2090 DATA 151, 88,151, 81,153, 70,156, 63,160, 56,164, 50,170, 44,176, 40
 2100 DATA 182, 37,187, 35,193, 34,198, 34,202, 37,211, 33,220, 31,224, 31
 2110 DATA 231, 32,239, 34,246, 37,253, 40,259, 44,263, 48, 0, 0
 2120 DATA 220, 31,230, 29,240, 29,250, 30,259, 32,264, 34, 0, 0
 2130 DATA 198, 34,204, 31,210, 29,218, 27,228, 25,242, 25,253, 26,261, 28
 2140 DATA 271, 31,282, 36,288, 40,296, 45,302, 52,306, 57,311, 65,315, 74
 2150 DATA 318, 85,319, 92,319,103,318,110,316,118,313,126,310,132,306,140
 2160 DATA 0, 0
 2170 DATA 185,126,179,124,172,120,166,115,162,110,158,102,156, 95,155, 88
 2180 DATA 155, 82,157, 73,160, 64,164, 58,168, 53,173, 48,177, 45,183, 41
 2190 DATA 187, 39,190, 38,194, 38,195, 40,194, 42,191, 45,184, 50,179, 55
 2200 DATA 175, 60,171, 66,168, 73,166, 79,164, 74,164, 71,166, 62,163, 68
 2210 DATA 160, 77,159, 84,159, 87,160, 94,162,102,165,108,169,113,175,118
 2220 DATA 180,121,183,122, 0, 0
 2230 DATA 268, 77,266, 74,262, 70,258, 66,254, 63,249, 60,245, 58
 2240 DATA 241, 57,241, 58,242, 59,245, 61,248, 64,251, 69,253, 72,254, 76
 2250 DATA 254, 79,251, 75,248, 72,245, 70,241, 68,238, 67,230, 65,223, 63
 2260 DATA 218, 60,214, 57,211, 53,208, 48,207, 44,208, 40,210, 38,216, 36
 2270 DATA 219, 34,222, 34,229, 35,238, 38,245, 40,252, 45
 2280 DATA 258, 49,261, 53, 0, 0
 2290 DATA 261,115,262,125,263,128,260,131,257,135,255,141,255,143,256,148
 2300 DATA 259,153,256,148,254,155,254,163,256,170, 0, 0
 2310 DATA 270,129,267,134,266,139,266,144,269,141,273,139,271,142,270,145
 2320 DATA 271,150,274,153, 0, 0
 2330 DATA 285,132,287,135,288,139,287,143,285,148, 0, 0
 2340 DATA 257,165,256,170,256,174,258,180,262,187, 0, 0
 2350 DATA 270,161,267,165,266,170,267,176,269,173,273,171,271,175,271,177
 2360 DATA 273,181,275,184, 0, 0
 2370 DATA 285,153,288,157,290,164,290,169,288,176,285,182, 0, 0
 2380 DATA 263,193,260,197,259,201,259,205,261,211,265,215,270,217,273,217
 2390 DATA 279,215,282,213,285,209,288,200,288,197,287,190,285,186, 0, 0
 2400 DATA 273,192,270,196,268,201,268,204,270,209,273,211,277,212,282,211
 2410 DATA 285,209, 0, 0
 2420 DATA 283, 67,279, 63,279, 66,282, 74,279, 66,278, 69,274, 74,275, 74
 2430 DATA 274, 71,270, 70,269, 67,270, 64,268, 62,270, 64,271, 61
 2440 DATA 273, 59,271, 61,268, 62,265, 63,261, 62,258, 60,255, 59,257, 57
 2450 DATA 259, 54,262, 52,267, 51,263, 48,261, 43,261, 40,263, 37,264, 34
 2460 DATA 265, 33,268, 33,276, 37,279, 41,284, 44,278, 41,280, 45
 2470 DATA 280, 48,280, 45,284, 44,289, 44,291, 45,294, 45,293, 48,293, 51
 2480 DATA 291, 55,288, 57,286, 58,284, 58,286, 58,289, 60, 0, 0
 2490 DATA 273,103,270,101,267,100,269, 98,271, 93,274, 91,278, 90,281, 90
 2500 DATA 278, 90,274, 91,271, 91,267, 87,264, 81,262, 78,268, 77,271, 76
 2510 DATA 275, 74,281, 74,285, 76,287, 78,285, 76,283, 72,283, 67,286, 63
 2520 DATA 289, 60,293, 59,297, 59,300, 58,300, 61,302, 65,305, 70,306, 73
 2530 DATA 305, 77,302, 80,299, 82,304, 83,308, 86,310, 90,314, 93,311, 96
 2540 DATA 308,100,303,101,296, 99,293, 95,296, 99,298,102,298,105,296,108
 2550 DATA 296,110,291,108, 0, 0
 2560 DATA 259,111,261,110,266,107,270,107,273,109,273,103,276, 98,280, 97
 2570 DATA 284, 97,288, 95,288, 98,290,101,291,105,291,108,287,112,290,112
 2580 DATA 293,104,299,125,301,127,297,127,292,129,288,129,286,127,284,123
 2590 DATA 286,127,286,130,285,132,284,136,282,134,277,132,275,129,275,124
 2600 DATA 273,128,270,129,263,128,265,123,271,119,265,118,261,115,259,111
 2610 DATA 0, 0
 2620 DATA 293, 51,300, 58,305, 65,309, 73,312, 82,314, 93,314,100,313,109
 2630 DATA 312,107,310,106,308,107,306,110,304,116,304,120,305,121,307,121
 2640 DATA 310,118,305,130,299,141, 0, 0
 2650 DATA 300,147,302,151,303,157,302,164,300,170,297,176,292,183, 0, 0
 2660 DATA 307,144,310,150,311,156,310,162,307,170,304,176,300,180,295,183
 2670 DATA 0, 0
 2680 DATA 293,187,294,190,293,193, 0, 0
 2690 DATA 164,119,162,120,160,122,158,123,160,125,162,129,165,132,170,134
 2700 DATA 175,133,173,134,171,138,171,141,173,144,174,147,177,146,181,145
 2710 DATA 0, 0
 2720 DATA 187,139,183,142,180,147,179,152,179,157,181,164, 0, 0
 2730 DATA 182,171,180,174,179,178,179,182,180,186,182,189, 0, 0
 2740 DATA 201,155,204,161,204,163,202,165,198,161,200,167,200,170,199,174
 2750 DATA 0, 0,209,160,210,164,209,168,207,172,205,175, 0, 0
 2760 DATA 197,178,200,183,200,185,197,185,200,191,200,196, 0, 0

2770 DATA 200,199,199,203,197,207,193,209,189,209, 0, 0
 2780 DATA 215,163,215,170,214,174,212,178,208,182, 0, 0
 2790 DATA 205,178,208,181,210,184,210,189,209,193,207,196, 0, 0
 2800 DATA 206,200,208,203,208,206,207,209,205,211,199,213,197,213,193,212
 2810 DATA 189,209,186,205,184,200,184,195, 0, 0
 2820 'カオ クヒ マリ
 2830 DATA 177, 83,173, 90,172, 95,172,101,174,107,178,114,181,118,184,123
 2840 DATA 186,128,187,135,188,141,190,146,194,151,201,155,207,159,215,163
 2850 DATA 216,164,217,164,223,162,231,159,241,154,247,150,253,145, 0, 0
 2860 DATA 215,163,215,170,214,174,212,178,208,182, 0, 0
 2870 DATA 210,189,212,185,216,183,219,181,219,184,220,188,219,191,217,193
 2880 DATA 213,194,217,196,217,197, 0, 0
 2890 DATA 207,207,209,207,211,204,211,200,213,202,215,202,217,200, 0, 0
 2900 DATA 215,198,217,200,219,203,222,203,224,201,222,203,223,207,225,210
 2910 DATA 228,207,230,203,230,207,234,210,235,205,233,202,236,203,238,203
 2920 DATA 241,201,239,198,235,196,232,197,234,193,233,189,230,187,228,184
 2930 DATA 226,187,223,189,222,193,224,196,220,195,215,198, 0, 0
 2940 DATA 239,198,242,196,247,195,250,197,247,195,245,192,245,189,248,185
 2950 DATA 252,188,254,191,254,194,255,191,258,190,261,191, 0, 0
 2960 DATA 241,201,243,203,246,203,249,201,248,203,248,205,251,208,253,205
 2970 DATA 253,202,256,205,259,205,259,201,256,198,260,197, 0, 0
 2980 'メ ハナ クチ
 2990 DATA 182,109,183,111,184,113,191,124,192,125,195,126,199,127,204,125
 3000 DATA 205,123,205,118,204,115,200,111,196,109,192,108,186,108,182,109
 3010 DATA 182,106,189,104,195,106,198,107,201,110,204,115,201,110,199,105
 3020 DATA 195,103,190,102,187,102,182,103,182,106, 0, 0
 3030 DATA 251,100,247, 98,242, 97,237, 98,232,101,227,103,228,107,230,110
 3040 DATA 231,119,233,123,238,125,241,125,246,123,251,119,252,112,252,103
 3050 DATA 251,100,252,103,249,101,245,100,240,100,236,102,231,104,228,107
 3060 DATA 230,110,233,107,236,105,241,103,244,103,252,106, 0, 0
 3070 DATA 210,129,208,133,206,134,206,135,207,137,210,140,214,140,215,137
 3080 DATA 213,134,209,135,206,135, 0, 0
 3090 DATA 210,129,208,133,206,134,206,135,207,137,210,140,214,140,215,137
 3100 DATA 213,134,209,135,206,135, 0, 0
 3110 DATA 211,146,214,148,216,148,220,146, 0, 0
 3120 DATA 215,152,218,152, 0, 0
 3130 'ヨウマ
 3140 DATA 180,186,175,189,160,191,146,196,143,199,141,203,139,209,122,231
 3150 DATA 107,250, 0, 0
 3160 DATA 160,191,164,204,166,214,168,225,167,229,162,241,161,244,161,247
 3170 DATA 162,250, 0, 0
 3180 DATA 168,225,200,223,223,224,260,227,288,231, 0, 0
 3190 DATA 288,192,293,193,300,198, 0, 0
 3200 DATA 293,250,293,243,292,237,290,233,288,231,288,225,290,215,294,206
 3210 DATA 297,201,300,198,304,197,307,197,310,199,314,205,315,210,318,211
 3220 DATA 321,213,323,217,325,223,325,226,329,228,333,233,336,240,338,250
 3230 DATA 0, 0
 3240 'レース
 3250 DATA 193, 34,204, 27,215, 23,226, 20,235, 19,249, 19,260, 21,270, 23
 3260 DATA 278, 26,287, 30,296, 35,306, 42,314, 50,323, 60,330, 70,337, 82
 3270 DATA 344, 99,348,114,355,152,364,250, 0, 0
 3280 DATA 72,250, 95,201,112,170,155,105, 0, 0
 3290 'ツ
 3300 DATA 246, 37,250, 35,253, 34,255, 35,256, 38,256, 43, 0, 0,999,999
 4000 'カミト"メ サークル 1
 4010 DATA 181,166, 4,184,169, 5,189,171, 6,193,174, 4,197,175, 5
 4020 DATA 202,176, 6,207,176, 4,182,191, 4,186,193, 6,192,195, 7
 4030 DATA 198,196, 5,203,198, 5,207,198, 4
 4040 DATA 257,162, 6,258,156, 5,264,158, 7,271,157, 7,277,154, 7
 4050 DATA 283,151, 6,289,148, 7,295,146, 6,300,144, 5,305,142, 5
 4060 DATA 262,189, 4,266,191, 5,272,189, 7,277,186, 6,283,184, 6
 4070 DATA 289,184, 6,294,185, 4,999,999,0
 5000 'ヘイスト
 5010 DATA 0000AA000055, 170, 60,240, 50,205,167,205,187,200,207
 5020 DATA 265,150,260,175,265,205,256,153,255,165
 5030 DATA 256,153, 0, 0
 5040 DATA 0000CC000033, 210,172, 0, 0
 5050 DATA 0000770000EE0000DD0000BB, 250, 32,281, 44,293, 57,307, 80,300,120
 5060 DATA 295,165,290,190,281, 68, 0, 0

5070 DATA 0000FF, 200, 70,265,120,270, 62,280, 71,280,140
5080 DATA 280,170,280,200,190,160,190,185,190,205
5090 DATA 0, 0
5100 DATA AAAAFF5555FF, 282, 40,250, 28,300, 54,305,165, 0, 0
5110 DATA CCFFCC33FF33, 211,137, 0, 0
5120 DATA 77FFFFEEFFDDFFFBFFFF, 200,130,235,215, 0, 0
5130 DATA FF77FFFFEEFFDDFFFBFFFF, 270, 50,290, 85,280,120,180,135, 0, 0
5140 DATA BBFFBB77FF77EEFFEEDDFD, 215,190,230,200,253,200,209,202, 0, 0
5150 DATA FF00FF, 232,102,190,103, 0, 0
5160 DATA 00FFFF, 253, 38, 0, 0
5170 DATA DDFFDDB6FFB66DFF6D, 235, 10,999,999
5180 DATA 190,107, 0,235,104, 0,999,999, 0
6000 サークル 2
6010 DATA 247,113,4.5, 1,1.0,198,118,4.5, 1, .8
6020 DATA 247,114,1.7, 0,1.0,199,121,1.7, 0, .8
6030 DATA 246,111, 1, 7,1.0,200,114, 1, 7, .8
6040 DATA 999,999, 0, 0, 0
7000 ラインサイコロ
7010 DATA 184,113, 7,184,113,191,124, 0, 0,182,103, 7,182,106, 0, 0
7020 DATA 204,115, 7,205,118,205,123, 0, 0,199,105, 7,201,110, 0, 0
7030 DATA 230,110, 7,231,119,233,123, 0, 0,227,104, 7,228,107, 0, 0
7040 DATA 252,106, 7,252,112,251,119, 0, 0,251,100, 7,252,103, 0, 0
7050 DATA 210,140, 7,214,140,215,137,213,134,209,135, 0, 0
7060 DATA 180, 97, 0,185, 96, 0, 0,222, 93, 0,226, 90,231, 89, 0, 0
7070 DATA 180,111, 0,183,111, 0, 0,246,101, 0,249, 97, 0, 0
7080 DATA 179,107, 0,183,109, 0, 0,249,101, 0,251, 99, 0, 0
7090 DATA 179,103, 0,182,106, 0, 0,252,103, 0,255,101, 0, 0
7100 DATA 182,102, 0,184,106, 0, 0,252,106, 0,256,104, 0, 0
7110 DATA 185,101, 0,187,105, 0, 0,253,108, 0,255,107, 0, 0
7120 DATA 251,119, 0,253,120, 0, 0,250,120, 0,252,121, 0, 0
7130 DATA 230,110, 7,231,119, 0, 0
7140 DATA 182,103, 1,187,102,190,102,195,103,199,105, 0, 0
7150 DATA 227,104, 1,232,100,237, 98,242, 97,247, 98,251,100, 0, 0
7160 DATA 275, 51, 1,275, 54,277, 56,280, 55, 0, 0
7170 DATA 289, 82, 1,288, 85,288, 87,290, 90, 0, 0
7180 DATA 277,113, 1,277,116,279,119,282,119, 0, 0
7190 DATA 276, 49, 4,277, 52,277, 54, 0, 0,278, 53, 4,282, 49, 0, 0
7200 DATA 279, 54, 4,283, 53, 0, 0,290, 87, 4,293, 85,294, 80, 0, 0
7210 DATA 291, 88, 4,296, 86, 0, 0,279,115, 4,282,112,283,108, 0, 0
7220 DATA 282,115, 4,285,112, 0, 0,279,117, 4,282,117, 0, 0
7230 DATA 193, 34, 7,204, 27,215, 23,226, 20,235, 19,249, 19,260, 21,270, 23
7240 DATA 278, 26,287, 30,296, 35,306, 42,314, 50,323, 60,330, 70,337, 82
7250 DATA 344, 99,348,114,355,152,364,250, 0, 0
7260 DATA 72,250, 7, 95,201,112,170,155,105, 0, 0
7270 DATA 250, 35, 0,252, 38,256, 38, 0, 0,999,999, 0
8000 ライン スタイル
8010 DATA 198, 34, 7,AAAA
8020 DATA 204, 31,210, 29,218, 27,228, 25,242, 25,253, 26,261, 28,271, 31
8030 DATA 282, 36,288, 40,296, 45,302, 52,306, 58,311, 65,315, 74,318, 85
8040 DATA 319, 92,319,103,318,110,316,118,313,126,310,132,306,140, 0, 0
8050 DATA 307,144, 7,AAAA
8060 DATA 310,150,311,156,310,162,307,170,304,176,300,180,295,183, 0, 0
8070 DATA 300,147, 7,AAAA
8080 DATA 302,151,303,157,302,164,300,170,297,176,292,183, 0, 0
8090 DATA 293,187, 7,AAAA
8100 DATA 294,190,293,193, 0, 0
8110 DATA 220, 31, 7,AAAA
8120 DATA 230, 29,240, 29,250, 30,259, 32,264, 34, 0, 0
8130 DATA 293, 51, 7,AAAA
8140 DATA 300, 58,305, 65,309, 73,312, 82,314, 93,314,100,313,109,312,107
8150 DATA 310,106,308,107,306,110,304,116,304,120,305,121,307,121,310,118
8160 DATA 305,130,299,141, 0, 0
8170 DATA 333,120, 5,AAAA
8180 DATA 335,155,335,190,337,215,342,250, 0, 0
8190 DATA 344,175, 5,AAAA
8200 DATA 344,196,346,218,351,250, 0, 0
8210 DATA 88,250, 5,AAAA
8220 DATA 106,211,117,189,158,123, 0, 0
8230 DATA 150,195, 5,AAAA

8240 DATA 162,171,177,146, 0, 0
8250 DATA 139,209, 5,EEEE
8260 DATA 135,215,131,232,127,250, 0, 0
8270 DATA 129,229, 5,EEEE
8280 DATA 122,239,116,250, 0, 0
8290 DATA 147,205, 5,EEEE
8300 DATA 141,211,138,232,134,250, 0, 0
8310 DATA 141,232, 5,EEEE
8320 DATA 141,250, 0, 0
8330 DATA 156,216, 5,EEEE
8340 DATA 153,223,151,232,151,241,153,250, 0, 0
8350 DATA 157,198, 5,EEEE
8360 DATA 156,204,156,216,158,229,162,241, 0, 0
8370 DATA 315,213, 5,EEEE
8380 DATA 315,216,313,222,308,232,297,250, 0, 0
8390 DATA 316,217, 5,EEEE
8400 DATA 316,224,315,230,312,241,309,250, 0, 0
8410 DATA 318,220, 5,EEEE
8420 DATA 320,224,320,229,321,240,323,250, 0, 0
8430 DATA 324,238, 5,EEEE
8440 DATA 326,232,331,250, 0, 0
8450 DATA 160,191, 7,AAAA
8460 DATA 146,196,143,199,141,203,139,209,122,231,107,250, 0, 0
8470 DATA 160,191, 7,AAAA
8480 DATA 164,204,166,214,168,225,167,229,162,240,161,244,161,247, 0, 0
8490 DATA 293,250, 7,AAAA
8500 DATA 293,243,292,237,290,233,288,231,288,225,290,215,294,206,297,201
8510 DATA 300,198,304,197,307,197,310,199,314,205,315,210,318,211,321,213
8520 DATA 323,217,325,223,325,226,329,228,333,233,336,240,338,250, 0, 0
8530 DATA 168,225, 7,AAAA
8540 DATA 200,223,223,224,260,227,288,231, 0, 0
8550 DATA 999,999, 0
9000 'サークル 3
9010 DATA 100,120, 15, 6, 6,145, 40, 12, 6, 6, 80, 65, 22, 6, 6
9020 DATA 50,150, 23, 6, 6, 60,225, 15, 6, 6, 35, 0, 30, 6, 6
9030 DATA 220, 0, 10, 6, 6
9040 DATA 330, 25, 12, 6, 6,380,140, 15, 6, 6,380, 60, 25, 6, 6
9050 DATA 425,125, 25, 6, 6,400,220, 20, 6, 6,435, 0, 30, 6, 6
9060 DATA 289,148,3.5, 7, 5,295,146, 3, 7, 5,300,144,2.5, 7, 5
9070 DATA 305,142, 3, 7, 5
9080 DATA 289,184, 3, 7, 5,294,185, 2, 7, 5,999, 0, 0, 0, 0
9500 '
9510 'メ ラ コ"カスタメノ ライン,ハ°イント,サイショリ テ"ーター
9520
9530 DATA 174,107,172,101,172, 95,173, 90,175, 85
9540 DATA 177, 83,179, 89,182, 94,185, 96,189, 98,194, 99,192, 95,191, 90
9550 DATA 190, 84,191, 75,192, 68,194, 73,196, 78
9560 DATA 199, 83,202, 87,206, 90,211, 93,216, 95,226, 97,223, 94,220, 90
9570 DATA 215, 81,212, 74,211, 68,215, 75,219, 80, 0, 0
9580 DATA 219, 80,224, 84,231, 89,239, 93,233, 96,230, 98,233, 96,239, 93
9590 DATA 245, 95,250, 97,256,100,258,102, 0, 0
9600 DATA 181,104,184,102,188,101,190,101,194,103, 0, 0
9610 DATA 187,111,189,109,191,108,194,108,197,109,200,111,204,114, 0, 0
9620 DATA 232,110,235,107,240,103,244,102,246,102,249,103,251,105, 0, 0
9630 DATA 205,122,203,120,199,118,195,116,193,116,190,117,188,119,190,123
9640 DATA 193,121,196,121,205,124,205,123,199,120,195,119,192,119,189,121
9650 DATA 0, 0
9660 DATA 233,121,234,122,241,119,246,118,249,118,252,119,252,116,253,114
9670 DATA 250,112,248,112,244,113,237,116,233,119,233,121,238,118,245,115
9680 DATA 248,115,252,116, 0, 0
9690 DATA 174,107,178,114,181,118,184,123,186,128,187,135, 0, 0
9700 DATA 169,113,175,118,180,121,183,122, 0, 0
9710 DATA 172,120,179,124,185,126, 0, 0
9720 DATA 168,121,175,125,184,129, 0, 0,999,999
9730 DATA 999,999, 0
9740 DATA 0000AA000055, 179,122, 0, 0
9750 DATA 0000FF, 185, 90,215, 90,245, 90,178,117,183,127
9760 DATA 0, 0
9770 DATA FF00FF, 194,117,250,114, 0, 0

9780 DATA 77FFFFEEFFFDFFFBFF, 220,110, 0, 0
 9790 DATA FF77FFFFEEFFFDFFFBFF, 176,128,999,999
 9800 DATA 195,120, 0,245,117, 0,999,999, 0
 9810 DATA 999,999, 0, 0, 0
 9820 DATA 186,116, 0,188,118, 0, 0,185,118, 0,188,119, 0, 0
 9830 DATA 186,121, 0,189,121, 0, 0,253,113, 0,255,111, 0, 0
 9840 DATA 253,114, 0,256,113, 0, 0,252,116, 0,256,115, 0, 0
 9850 DATA 189,121, 1,188,119,190,117,193,116,195,116,199,118,203,120,205,122
 9860 DATA 0, 0
 9870 DATA 233,119, 1,237,116,244,113,248,112,250,112,253,114, 0, 0
 9880 DATA 999,999, 0,999,999, 0
 9890 DATA 0,999, 0, 0, 0
 10000 DATA 187,135,186,128,184,123,181,118,178,114,174,107,172,101,172, 95
 10010 DATA 173, 90,177, 83,179, 89,182, 94,185, 96,189, 98,194, 99,192, 95
 10020 DATA 191, 90,190, 84,191, 75,192, 68,194, 73,196, 78,199, 83,202, 87
 10030 DATA 206, 90,211, 93,216, 95,226, 97,223, 94,220, 90,215, 81,212, 74
 10040 DATA 211, 68,215, 75,219, 80,224, 84,231, 89,239, 93,245, 95,250, 97
 10050 DATA 256,100,258,102, 0, 0
 10060 DATA 169,113,175,118,180,121,183,122, 0, 0
 10070 DATA 172,120,179,124,185,126, 0, 0,168,121,175,125,184,129, 0, 0
 10080 DATA 181, 99,185, 97,188, 96, 0, 0
 10090 DATA 187,106,190,104,192,104,197,106,201,109, 0, 0
 10100 DATA 205,119,204,117,199,112,194,110,190,109,185,110,186,113,186,116
 10110 DATA 187,120,189,123,193,125,197,126,200,126,203,125,205,123,205,120
 10120 DATA 199,115,194,113,191,112,186,113,186,116,190,114,193,115,197,116
 10130 DATA 205,120, 0, 0
 10140 DATA 194,115,194,122,196,126, 0, 0,202,119,203,123,202,126, 0, 0
 10150 DATA 228, 96,232, 93,236, 92, 0, 0
 10160 DATA 230,109,236,104,241,101,246, 99,250,100,252,102, 0, 0
 10170 DATA 230,115,231,122,234,124,238,125,245,124,249,122,252,119,252,115
 10180 DATA 253,110,247,108,242,108,237,110,230,115,231,116,237,113,244,110
 10190 DATA 246,110,252,112,252,115,248,113,245,113,239,114,230,117, 0, 0
 10200 DATA 242,113,241,117,241,120,242,123,244,124, 0, 0
 10210 DATA 248,113,249,116,249,118,248,123, 0, 0,999,999,999,999, 0
 10220 DATA 0000AA000055, 179,122, 0, 0
 10230 DATA 0000FF, 185, 90,215, 90,245, 90,178,117
 10240 DATA 183,127, 0, 0
 10250 DATA FF00FF, 190,111,240,110,200,115,237,111
 10260 DATA 0, 0
 10270 DATA 77FFFFEEFFFDFFFBFF, 220,110, 0, 0
 10280 DATA FF0000, 198,120,245,120,999,999,999,999, 0
 10290 DATA 199,120, 1, 7, .5,198,123, .7, 0, .5,244,116, 1, 7, .5
 10300 DATA 246,120, 1, 0, .5,999,999, 0, 0, 0
 10310 DATA 181,108, 0,185,110, 0, 0,181,111, 0,186,113, 0, 0
 10320 DATA 182,115, 0,186,116, 0, 0
 10330 DATA 186,116, 7,187,120,189,123, 0, 0
 10340 DATA 205,120, 7,205,123,203,125, 0, 0
 10350 DATA 185,110, 1,190,109,194,110,199,112,204,117,205,119, 0, 0
 10360 DATA 253,110, 0,256,107, 0, 0,252,112, 0,256,110, 0, 0
 10370 DATA 252,115, 0,256,113, 0, 0
 10380 DATA 230,115, 7,231,122,234,124, 0, 0,252,115, 7,252,119, 0, 0
 10390 DATA 230,115, 1,237,110,242,108,247,108,253,110, 0, 0
 10400 DATA 194,115, 1,194,122,196,126, 0, 0
 10410 DATA 202,119, 1,203,123,202,126, 0, 0
 10420 DATA 242,113, 1,241,117,241,120,242,123,244,124, 0, 0
 10430 DATA 248,113, 1,249,116,249,118,248,123, 0, 0
 10440 DATA 186,114, 0,191,113,196,115,200,117,205,120, 0, 0
 10450 DATA 230,117, 0,240,113,245,111,250,113,252,113, 0, 0
 10460 DATA 999,999, 0,999,999, 0, 0, 0, 90, 0, 0
 20000
 20010
 20020
 20030
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 20050
 20060
 20070
 20080
 20090
 20100

ウィザード ラム NO-2

FOR PC-8801

1983年6月30日

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うる星やつら ビューティフル ドリーマー しのぶ

PC—8801/mk II

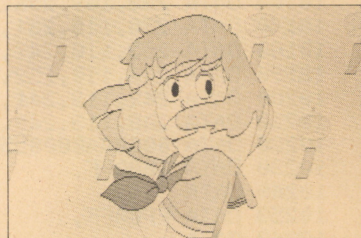
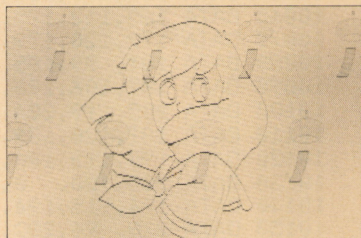
大島一夫

幻想的な空間でふりかえるしのぶ

「ビューティフル ドリーマー」の中ごろに出てくる、風鈴にかこまれたしのぶの幻想的なシーンをうまく表現してくれました。背景は風鈴だけでちょっと単調ですが淡い色がとてもきれいに仕上がっています。この風鈴、ひとつだけまじめに描いて、あとはこれをGET@で読み込んで、他の7ヶ所にコピーしていきます。このとき、paintが始まると風鈴はぬりつぶされてしまつて、しのぶがセルを重ねたように浮き出てきます。

注意するところとして、1020、1030、1040行で拡張コマンドを使っていますが、使わなくとも絵を描くことができます。P.28にあるように、CMD CLS 3をただのCLS 3にしてCMD TEXT OFFをとってください。またそのときは、100、110行も不要となります。これらは高速化のためのものです。

また、拡張コマンドを使わなければPC—8801シリーズでも動きます。また、S1などに移植することも簡単にできるはずです。



うる星やつら ビューティフル ドリーマー し の ぶ プログラムリスト

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100 CLEAR ,&HDBFF
110 BLOAD "exst",R
1000 'ジョキセツティ
1010 CONSOLE 0,25,0,1:WIDTH 80,25:DIM A%(881)
1020 SCREEN 0,3:CMD CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,7,0:CMD CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250):CMD TEXT OFF
1050 'ライン
1060 READ C
1070 READ X,Y:IF X=999 THEN 1100 ELSE PSET (X,Y),C
1080 READ X,Y:IF X= 0 THEN 1070 ELSE LINE-(X,Y),C
1090 GOTO 1080
1100 'ヘポイント
1110 READ C$:IF C$<>STRING$(6,"0") THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
    ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1120 TL$=""
1130 FOR I=1 TO LEN(C$) STEP 2
1140 T=VAL("&H"+MID$(C$,I,2)):TL$=TL$+CHR$(T)
1150 NEXT
1160 READ X,Y:IF X=0 THEN 1100 ELSE IF X=888 THEN 1050 ELSE IF X=999 THEN 1180
1170 PAINT(X,Y),TL$,C,BACK$:GOTO 1160
1180 'ライン サイゾリ
1190 READ A$,C1:A=VAL("&H"+A$)
1200 READ X,Y:PSET (X,Y),C1
1210 READ X,Y:IF X=0 THEN 1200 ELSE IF X=888 THEN 1190 ELSE IF X=999 THEN 1230
1220 LINE-(X,Y),C1,,A:GOTO 1210
1230 'サークル
1240 READ S,R,C2,C3

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1250 READ X,Y:IF X=0 THEN 1240 ELSE IF X=999 THEN 1270
1260 CIRCLE (X,Y),R,C2,,,S:PAINT(X,Y),C3,C2:GOTO 1250
1270 'シヨウケン
1280 READ T:IF T=0 THEN 1050 ELSE IF T=888 THEN 1290 ELSE IF T=999 THEN 1330
1290 'ハイガイ
1300 GET@(88,8)-(152,72),A%
1310 READ X,Y:IF X=0 THEN 1050 ELSE PUT@(X,Y),A%,PSET
1320 GOTO 1310
1330 'ハ°レット
1340 COLOR=(3,0):END
1350 '
1360 'ハイガイ DATA
1370 '
1380 DATA 5
1390 DATA 76, 25, 79, 25, 85, 26, 89, 28, 92, 32, 93, 36, 92, 41, 90, 44
1400 DATA 87, 46, 83, 48, 77, 49, 72, 49, 66, 48, 62, 46, 59, 42, 58, 38
1410 DATA 58, 34, 59, 31, 62, 28, 66, 26, 72, 25, 76, 25, 0, 0
1420 DATA 62, 46, 67, 43, 74, 41, 78, 41, 84, 43, 88, 45, 0, 0
1430 DATA 62, 35, 62, 34, 63, 31, 65, 29, 68, 28, 70, 28, 70, 30, 68, 31
1440 DATA 65, 33, 64, 35, 62, 35, 0, 0,999,999
1450 DATA FF55FFFFAAFF, 75, 35,888,888
1460 DATA 4
1470 DATA 67, 56, 77, 56, 76, 63, 74, 71, 71, 79, 68, 86, 57, 86, 60, 80
1480 DATA 64, 71, 66, 63, 67, 56, 0, 0,999,999
1490 DATA 5555FFAAAAFF, 70, 70,999,999
1500 DATA AAAA, 1
1510 DATA 76, 13, 76, 17, 0, 0, 76, 21, 76, 25, 0, 0
1520 DATA 76, 42, 76, 45, 75, 50, 73, 56,999,999
1530 DATA 0.5,1.5, 1, 5, 76, 19, 73, 29, 0, 0
1540 DATA 0.5,1.5, 7, 7, 73, 29,999,999
1550 DATA 888,248, 8,408, 8,568, 8, 8, 88,168, 88,328, 88,488, 88, 0, 0
1560 '
1570 'シノフ / DATA
1580 '
1590 ' x
1600 DATA 0
1610 DATA 191, 90,189, 87,186, 85,183, 85,179, 87,177, 89,175, 92,175, 95
1620 DATA 175,102,176,106,177,108,181,110,185,110,189,109,191,108,192,105
1630 DATA 193,100,192, 95,191, 91,191, 90, 0, 0
1640 DATA 175, 95,179, 90,181, 89,183, 88,185, 88,189, 90,191, 91, 0, 0
1650 DATA 190, 94,191, 97,191,101,190,104,188,106,186,106,184,104,183, 99
1660 DATA 184, 95,185, 93,187, 92,188, 92,190, 94, 0, 0
1670 DATA 226, 90,225, 86,223, 84,220, 82,218, 82,214, 82,211, 84,209, 87
1680 DATA 208, 92,208, 97,209,102,212,107,215,108,219,108,222,107,224,106
1690 DATA 226,102,227, 96,226, 90, 0, 0
1700 DATA 208, 92,211, 88,213, 86,216, 85,218, 85,221, 86,222, 87,225, 90
1710 DATA 226, 90, 0, 0
1720 DATA 220, 90,222, 90,224, 92,225, 96,225, 99,224,102,222,104,221,104
1730 DATA 219,102,218, 99,218, 94,219, 91,220, 90, 0, 0
1740 ' カオ,ハナ
1750 DATA 161, 88,163, 96,166,105,168,113,168,119,169,126,171,131,173,134
1760 DATA 176,137, 0, 0
1770 DATA 196,109,193,111,193,114,195,117,195,119, 0, 0
1780 ' カミ
1790 DATA 140, 93,130, 94,119, 96,113, 98,107,101,102,105, 98,109, 94,113
1800 DATA 97,117,100,123,104,129,105,129,108,126,113,123,118,121,125,119
1810 DATA 120,122,115,125,111,128,108,132,108,133,116,145,120,150,124,154
1820 DATA 129,157,133,158,136,158,141,156,146,155,140,158,136,160,146,166
1830 DATA 155,170,165,173,170,174, 0, 0
1840 DATA 140, 74,135, 74,131, 72,134, 70,137, 66,143, 56,146, 52,150, 49
1850 DATA 155, 48,152, 45,150, 41,150, 39,151, 39,153, 42,156, 44,158, 44
1860 DATA 164, 42,172, 38,182, 33,191, 30,199, 28,208, 27,213, 27,222, 29
1870 DATA 228, 31,233, 34,237, 38,241, 43,242, 39,242, 36,244, 37,245, 40
1880 DATA 244, 45,245, 45,249, 47,252, 51,256, 59,263, 76,267, 83,273, 92
1890 DATA 279,101,283,109,285,114,286,120,286,128,285,135,283,140,280,146
1900 DATA 277,150,274,153,270,155,265,161,260,165,256,171,251,176, 0, 0
1910 DATA 196,166,191,162,189,157,186,155,183,150,187,149,191,147,198,145
1920 DATA 205,142,210,139, 0, 0
1930 DATA 191,147,185,148,181,147,178,144,176,139,177,134,180,130,185,125
1940 DATA 191,121,199,117,208,114,221,112,232,111,235,110,237,109,240,107
1950 DATA 247,105, 0, 0

```

1960 DATA 242, 88,242, 92,241, 97,239,103,237,109, 0, 0
 1970 DATA 146, 64,143, 68,140, 74,138, 82,138, 86,137, 91,139, 89,140, 87
 1980 DATA 141, 84,140, 89,139, 91,142, 99,148, 98,153, 96,157, 93,161, 88
 1990 DATA 0, 0
 2000 DATA 157, 74,158, 80,159, 85,161, 88,163, 89,165, 88,166, 86, 0, 0
 2010 DATA 166, 66,165, 71,164, 77,165, 83,166, 86,170, 88,172, 88,174, 86
 2020 DATA 178, 83,183, 80,187, 78, 0, 0
 2030 DATA 194, 62,191, 66,188, 72,187, 78,188, 84,194, 82,201, 79,207, 75
 2040 DATA 214, 70,220, 65,217, 73,215, 77,213, 80,218, 82,220, 82,223, 81
 2050 DATA 227, 78,231, 74,234, 69,236, 62,235, 67,235, 75,237, 81,240, 88
 2060 DATA 242, 92, 0, 0
 2070 テーラー
 2080 DATA 126,188,124,182,124,176,125,172,126,172,128,175,131,177,140,179
 2090 DATA 150,181,159,184,163,186,166,188, 0, 0
 2100 DATA 111,200,114,198,118,194,124,189,130,186,135,184,140,183,147,184
 2110 DATA 156,187,167,191,169,193,170,195,168,201,165,206,159,210,153,213
 2120 DATA 145,215,140,215,133,213,127,210,120,205,115,202,111,201,111,200
 2130 DATA 0, 0
 2140 DATA 163,186,167,180,170,174,173,171,175,170, 0, 0
 2150 DATA 173,184,174,174,175,170,177,167,180,164,185,161,190,159, 0, 0
 2160 DATA 176,184,180,179,182,175,186,169,191,162, 0, 0
 2170 DATA 180,179,188,172,192,169,197,166,206,162, 0, 0
 2180 DATA 177,185,182,181,188,178,195,175,197,174, 0, 0
 2190 DATA 166,188,167,187,171,180,174,175, 0, 0
 2200 DATA 173,184,175,184,178,186,179,189,179,193,177,197,172,199,169,199
 2210 DATA 0, 0
 2220 DATA 178,195,181,197, 0, 0
 2230 DATA 185,171,188,172, 0, 0,184,173,186,174, 0, 0
 2240 DATA 182,175,184,176, 0, 0
 2250 DATA 146,215,146,220,148,227,152,236,155,244,156,250, 0, 0
 2260 DATA 192,187,197,174,199,171,201,168, 0, 0
 2270 DATA 206,162,210,159,217,157,223,157,229,158,234,160,238,163,241,166
 2280 DATA 247,171,251,176,259,187,270,208,270,210,268,212,264,213,260,212
 2290 DATA 259,209,254,193,248,179, 0, 0
 2300 DATA 239,214,244,214,251,212,255,210,259,209, 0, 0
 2310 DATA 240,208,245,208,250,206,257,204, 0, 0
 2320 DATA 212,183,209,185,200,187,192,187,188,188,185,191,183,195,178,202
 2330 DATA 169,211,172,218,178,227,185,235,192,239,200,242,210,243,222,243
 2340 DATA 225,236,227,229,235,211,237,205,240,197,241,189, 0, 0
 2350 DATA 248,179,248,185,246,193,243,202,240,208,240,211,238,218,234,230
 2360 DATA 226,250, 0, 0
 2370 DATA 178,227,177,234,174,242,170,250, 0, 0
 2380 DATA 214,243,212,250, 0, 0
 2390 DATA 178,202,183,210,190,218,199,224,210,228,219,229,227,229, 0, 0
 2400 DATA 173,207,178,215,185,223,193,229,200,233,207,235,217,236,225,236
 2410 DATA 0, 0,999,999
 2420 ^ポイント
 2430 DATA 55FF55AAFFAA, 200,100, 0, 0
 2440 DATA FFFF00, 250,100,150,130, 0, 0
 2450 DATA FF0000, 180,170,190,175,260,200,250,200, 0, 0
 2460 DATA FF00FF, 250,210,200,230,184,175, 0, 0
 2470 DATA 00FF00, 140,200,130,180,170,190,185,185, 0, 0
 2480 DATA 000000, 185,100,220,100, 0, 0
 2490 DATA FF0055FF00AA, 180, 88,215, 83, 0, 0
 2500 DATA 55FFFFAAFFFF, 190,165,888,888, 0
 2510 カオ,ハ
 2520 DATA 166,105,168, 99,170, 95,173, 93,175, 93, 0, 0
 2530 DATA 189, 87,193, 87,200, 85,207, 81,212, 77,215, 76, 0, 0
 2540 DATA 223, 81,225, 81,229, 79,235, 75, 0, 0
 2550 DATA 236, 79,236, 84,237, 89,239, 95,240, 98, 0, 0
 2560 DATA 193,112,196,114,198,117, 0, 0
 2570 カミ
 2580 DATA 118,121,118,118,120,114,123,111,128,108,135,106,143,104,147,102
 2590 DATA 150, 99,151, 97, 0, 0
 2600 DATA 125,119,130,118,133,118,130,124,129,129,129,134,130,142,132,146
 2610 DATA 136,150,141,152,144,152,148,150,150,148,149,154,149,157,151,160
 2620 DATA 156,163,162,165,170,167,176,168, 0, 0
 2630 DATA 269,121,270,128,270,134,269,140,266,150,262,161,260,165, 0, 0
 2640 DATA 281,110,282,116,282,122,281,130,279,137,276,145,270,155, 0, 0
 2650 DATA 188,123,187,129,187,132,189,135,192,137,197,138,201,138,214,136
 2660 DATA 222,135,227,135,227,136,223,138,222,140,223,142,225,142,231,140

2670 DATA 237,138,240,138,240,140,239,143,241,145,245,146,250,145,255,142
 2680 DATA 260,137,265,129,266,123,268,121,269,121, 0, 0
 2690 DATA 270,132,272,131,274,127,276,121,278,112,278,107,279,107,281,110
 2700 DATA 283,114,285,116, 0, 0
 2710 DATA 177, 77,175, 79,173, 82,172, 85,172, 88, 0, 0
 2720 DATA 143, 68,143, 78,144, 82,146, 84,149, 85,151, 85,154, 83,157, 79
 2730 DATA 0, 0
 2740 DATA 157, 74,160, 77,162, 77,164, 75, 0, 0
 2750 DATA 166, 66,167, 64,168, 64,168, 67,169, 73,170, 76,171, 77,173, 78
 2760 DATA 174, 78,177, 77,179, 76,183, 74,188, 71, 0, 0
 2770 DATA 187, 79,191, 76,197, 73,204, 71,213, 70, 0, 0
 2780 DATA 216, 76,219, 76,225, 74,230, 71,234, 69, 0, 0
 2790 / セーラーフック
 2800 DATA 166,188,167,191, 0, 0
 2810 DATA 180,164,178,169,176,175,175,184, 0, 0
 2820 DATA 184,162,181,169,179,175,178,181, 0, 0
 2830 DATA 187,173,194,170,201,168, 0, 0
 2840 DATA 167,187,169,185,172,184,173,184, 0, 0
 2850 DATA 262,193,266,204,268,204, 0, 0
 2860 DATA 158,198,163,195,167,194,170,195, 0, 0
 2870 DATA 201,168,206,162, 0, 0
 2880 DATA 240,211,244,211,250,209,255,207,258,206, 0, 0,999,999
 2890 / ヘイント
 2900 DATA 55FFFFAAFFFF, 180,240,200,100, 0, 0
 2910 DATA 55FF00AAFF00, 250,100,100,110,120,130, 0, 0
 2920 DATA FF0000, 250,211, 0, 0
 2930 DATA FF00FF, 250,208,178,173,189,173,260,200,888,888, 0
 2940 / セーラーフック
 2950 DATA 180,179,188,175,196,172,199,171, 0, 0
 2960 DATA 251,176,255,186,264,207,266,208,269,207, 0, 0,999,999
 2970 / ヘイント
 2980 DATA FF0000, 180,181,250,180,888,888, 0
 2990 / セーラーフック
 3000 DATA 248,179,246,173,241,166, 0, 0,999,999
 3010 / ヘイント
 3020 DATA FFFFFFFF, 200,200,999,999
 3030 / ライン サイズヨリ
 3040 DATA FFFF, 7
 3050 DATA 191, 90,189, 87, 0, 0,175, 95,175,102,176,106,177,108, 0, 0
 3060 DATA 191,108,192,105,193,100,192, 95,191, 91, 0, 0
 3070 DATA 226, 90,225, 86, 0, 0,207, 87,208, 92,208, 97,209,102,212,107
 3080 DATA 0, 0
 3090 DATA 224,106,226,102,227, 96,226, 90, 0, 0
 3100 DATA 166,105,168, 99,170, 95,173, 93,175, 93, 0, 0
 3110 DATA 189, 87,193, 87,200, 85,207, 81,212, 77,215, 76, 0, 0
 3120 DATA 223, 81,225, 81,229, 79,235, 75, 0, 0
 3130 DATA 236, 79,236, 84,237, 89,239, 95,240, 98, 0, 0
 3140 DATA 193,112,196,114,198,117,888,888
 3150 DATA AAAA, 6
 3160 DATA 166,105,168, 99,170, 95,173, 93,175, 93, 0, 0
 3170 DATA 189, 87,193, 87,200, 85,207, 81,212, 77,215, 76, 0, 0
 3180 DATA 223, 81,225, 81,229, 79,235, 75, 0, 0
 3190 DATA 236, 79,236, 84,237, 89,239, 95,240, 98, 0, 0
 3200 DATA 193,112,196,114,198,117,888,888
 3210 DATA FFFF, 0
 3220 DATA 169, 92,172, 93,175, 93, 0, 0,169, 96,172, 96,175, 95, 0, 0
 3230 DATA 224, 87,229, 86,230, 84, 0, 0
 3240 DATA 225, 89,229, 91,231, 91, 0, 0,208, 79,213, 80,999,999
 3250 / サークル
 3260 DATA 1,1.5, 7, 7
 3270 DATA 189,100,224, 96,999,999
 3280 / ショウケン
 3290 DATA 999
 3300 /
 3310 /
 3320 / ビューティフル トリマー (シノフ) FOR PC-8801
 3330 /
 3340 / 1984年 4月30日
 3350 /
 3360 / Copyright タカハシ ルミコ / ショウカクカン , キティエンタープライズ , フジテレビ
 3370 /
 3380 /



めぞん一刻 響子

PC—8801/mk II

大島一夫

テレビシリーズ風の響子さんを描こう!!

大島氏のめぞん一刻の“音無響子”さんです。色の使い方がやや単調になってしまったのは、選んだ原画のせいでしょうか。それともタイトル文字の方に力を入れたのかな？

そうはいつても、シンプルな画面にタイトル文字が出ていると、TVのオープニングか、アイキャッチャーのような感じとなり、また、ちがった感じのCGになりますね。

プログラム本体の方は、大島さんのいつものスタイル通りのシンプルなもの、1本分を入れてしまえば、他の絵のものにすぐ修正することができます。やはり拡張命令を使っていますので、ディスクでない方は、P.28のように修正してください。

絵の描き方もいつもの通りですが、左下の写真を見てください。前髪のところを先にペイントしています。これ

は前髪のラインが複雑で、あとで細かいところのペイントがしづらくなったり、おそくなったりするためです。使えるテクニックですから、みなさん覚えておきましょう。

そして下の中央の写真が髪のカゲの部分塗装前のところ。まつ毛や目のハイライトなど細かいところはやはり後で書き込む。これもCGの常識。

このようにして、下の写真のような響子さんが完成だ。



あなたにも描ける、CG用下絵の作り方

普通CGを作るときの手順として座標入力方式では下記の順番で作業を行います。

- ①絵を描く。
 - ②描いた絵を方眼紙等の座標が拾える用紙に写す。
 - ③描線、ペイントの順序に注意してDATAを拾う。
 - ④パソコンにDATAを打込む。
- このとき①から②への作業段階において多くの人が、
- ・絵が描けない
 - ・どれくらいの大きさかわからない

の2点で悩むことと思います。

まず、絵を描く大きさとしては、VIEWを640×200とした場合、WINDOWのy座標、x座標は $y = \frac{5}{8}x$ で求められます。たとえばx方向40cmとしたときにy座標は25cmというぐあいです。

次に絵ですが、まずトレーシングペーパー等で自分の描きたい絵を写し、それを拡大・縮小するなりしてさきほど決めたWINDOWの大きさにします。

このときコピーの機械があれば拡大等は比較的簡単にできるのですが、ない方は文房具店等に行つてパントグラ

フという拡大、縮小器を買つて使えばよいと思います。

ただ、パントグラフを使うにはかなりの慣れがいりますので注意してください。

こうしてできた絵を方眼紙等に写すわけですが、カーボン紙(またはトレーシングペーパーのうらを濃い鉛筆で塗りつぶしたもの)を絵と方眼紙の間にはさみ、先のかたい物でなぞって写します。

あとは③と④があるわけで、これは各自で考えてください。

大島一夫

めぞん一刻 響子 プログラムリスト

```

100 CLEAR ,&HDBFF
110 BLOAD '@exst',R
1000 'ショキセツテイ
1010 CONSOLE 0,25,0,1:WIDTH 80,25
1020 SCREEN 0,3:CMD CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,4,0:CMD CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250):CMD TEXT OFF
1050 'ライン
1060 READ C
1070 READ X,Y:IF X=999 THEN 1100 ELSE PSET (X,Y),C
1080 READ X,Y:IF X= 0 THEN 1070 ELSE LINE-(X,Y),C
1090 GOTO 1080
1100 'ポイント
1110 READ C$:IF C$(>STRING$(6,'0')) THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
    ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1120 TL$=""
1130 FOR I=1 TO LEN(C$) STEP 2
1140 T=VAL('&H'+MID$(C$,I,2)):TL$=TL$+CHR$(T)
1150 NEXT
1160 READ X,Y:IF X=0 THEN 1100 ELSE IF X=888 THEN 1050 ELSE IF X=999 THEN 1180
1170 PAINT(X,Y),TL$,C,BACK$:GOTO 1160
1180 'ライン サイショリ
1190 READ A$,C1:A=VAL('&H'+A$)
1200 READ X,Y:PSET (X,Y),C1
1210 READ X,Y:IF X=0 THEN 1200 ELSE IF X=888 THEN 1190 ELSE IF X=999 THEN 1230
1220 LINE-(X,Y),C1,,A:GOTO 1210
1230 'サークル
1240 READ S,R,C2,C3
1250 READ X,Y:IF X=0 THEN 1240 ELSE IF X=999 THEN 1270
1260 CIRCLE (X,Y),R,C2,,,S:PAINT(X,Y),C3,C2:GOTO 1250
1270 'ハレット
1280 COLOR=(3,0):END
1290 '
1300 'ヌリ/コジホ"ウシ DATA
1310 '
1320 DATA 1
1330 DATA 150, 50,200, 50,200, 85,150, 85,150, 50, 0, 0,999,999
1340 DATA FF6600FF9900FF9900FF6600, 175, 70,888,888, 0
1350 '
1360 'キョウコ DATA
1370 '
1380 ' カミ
1390 DATA 73, 77, 73, 85, 75, 95, 78,102, 83,110, 90,117, 97,122,104,124
1400 DATA 109,124,105,120,100,115, 95,108, 90, 99, 87, 90, 86, 79, 0, 0
1410 DATA 94,106,100,111,107,114,112,115,117,115,125,113, 0, 0
1420 DATA 102, 77,104, 86,108, 95,113,103,120,110,125,113,134,117,142,119
1430 DATA 145,119,148,117,146,111,146,106,148, 99,152, 93,160, 80,164, 73
1440 DATA 163, 77,161, 82,163, 81,166, 76,169, 70,171, 63,171, 69,170, 75
1450 DATA 168, 81,171, 79,174, 75,178, 68,181, 61, 0, 0
1460 DATA 184, 46,183, 53,181, 61,179, 70,177, 77,180, 75,183, 71,187, 65
1470 DATA 186, 72,184, 78,187, 76,189, 72,192, 65,194, 58,195, 50, 0, 0
1480 DATA 192, 65,195, 72,200, 78,206, 84,212, 88,220, 91,221, 93,221, 96
1490 DATA 218,108,217,118,218,127,221,136,226,144,233,152,240,156,244,159
1500 DATA 245,161,244,165,238,176,226,196,218,209,211,218,205,227,202,233
1510 DATA 200,239,200,243,202,248,203,250, 0, 0
1520 DATA 96, 0, 88, 6, 79, 13, 71, 21, 64, 29, 57, 39, 52, 49, 49, 59
1530 DATA 49, 68, 50, 77, 52, 81, 53, 73, 55, 67, 58, 62, 55, 75, 55, 84
1540 DATA 56, 93, 59,103, 63,112, 69,120, 75,125, 80,127, 0, 0
1550 DATA 64, 96, 65,104, 68,113, 72,118, 75,121, 0, 0
1560 DATA 65,104, 75,121, 84,131, 92,137,101,141,109,143,110,145,110,147
1570 DATA 106,154,101,167, 98,179, 96,191, 97,205,100,215,105,225,111,232
1580 DATA 118,237,127,241,138,244,147,245,149,244,141,241,132,238,124,233
1590 DATA 117,228,111,220,107,210,105,199,105,192,107,182,111,169,112,179
1600 DATA 115,190,119,201,125,212,132,221,140,229,149,236,159,242,170,245
1610 DATA 181,246,195,245,200,243, 0, 0
1620 ' カオ,クビ"
1630 DATA 101,123,107,128,112,134,117,140,121,146,125,155,131,168,137,177
1640 DATA 143,183,153,189,173,197,181,199,184,199,189,197,196,192,205,184
1650 DATA 224,166,228,161,230,158, 0, 0

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1660 DATA 196,192,202,198,206,204,210,210,212,216, 0, 0
 1670 ハナ,フ
 1680 DATA 141,146,138,150,139,153,143,155,147,158,149,160, 0, 0
 1690 DATA 159,171,161,171, 0, 0
 1700 DATA 165,171,170,169,174,166,177,163, 0, 0
 1710 DATA 166,179,172,177,176,174, 0, 0
 1720 x
 1730 DATA 135,126,134,124,131,122,127,120,123,119,120,119,115,120,110,122
 1740 DATA 110,125,112,128,120,137,127,143,130,145,133,145,137,143,139,141
 1750 DATA 140,139,140,136,138,129,135,126,132,125,122,126,112,128, 0, 0
 1760 DATA 123,125,124,129,127,133,131,136,135,137,137,136,139,133, 0, 0
 1770 DATA 201, 90,200, 87,198, 85,195, 84,192, 84,183, 87,174, 91,166, 95
 1780 DATA 162, 98,163,101,165,104,173,118,175,120,179,122,181,122,183,121
 1790 DATA 187,120,196,117,200,110,202,107,203,104,203,101,203, 96,201, 90
 1800 DATA 199, 89,196, 89,188, 91,178, 95,170, 99,165,104, 0, 0
 1810 DATA 181, 94,183,101,186,106,190,108,193,108,197,106,199,103,200, 99
 1820 DATA 199, 94,196, 89, 0, 0,999,999
 1830 ^°イント
 1840 DATA FF6600FF9900FF9900FF6600, 200, 30, 0, 0
 1850 DATA 55FF55AAFFAA, 160,140,888,888, 0
 1860 0J
 1870 DATA 250, 43,248, 53,250, 53,250, 61,258, 58,260, 52,260, 41,267, 44
 1880 DATA 273, 44,270, 52,272, 53,269, 59,272, 61,275, 69,277, 80,276, 90
 1890 DATA 273, 98,264,107,260,109,256,103,253,101,250,104,241, 97,237, 92
 1900 DATA 235, 86,235, 83,238, 76,237, 74,242, 69,242, 67,239, 53,239, 46
 1910 DATA 247, 42,247, 44,250, 43, 0, 0
 1920 DATA 246, 82,252, 88,248, 94,244, 89,246, 82, 0, 0
 1930 DATA 253, 70,255, 80,258, 70,253, 70, 0, 0
 1940 DATA 255, 98,266, 91,269, 81,266, 72,264, 82,260, 90,255, 98, 0, 0
 1950 DATA 284, 47,290, 47,295, 45,295, 56,300, 51,310, 45,315, 55,305, 72
 1960 DATA 316, 72,314, 76,315, 81,304, 82,298, 91,297, 99,305, 96,306,108
 1970 DATA 300,108,287,102,287, 96,289, 89,292, 84,296, 79,281, 83,279, 70
 1980 DATA 286, 73,294, 73,297, 67,303, 57,296, 62,290, 69,288, 65,286, 65
 1990 DATA 284, 56,284, 47, 0, 0
 2000 DATA 317, 43,321, 43,320, 49,321, 55,317, 56,316, 50,317, 43, 0, 0
 2010 DATA 325, 43,331, 43,328, 49,327, 55,323, 55,323, 48,325, 43, 0, 0
 2020 DATA 324, 84,329, 79,334, 69,347, 54,336, 44,325, 63,326, 64,322, 73
 2030 DATA 315, 90,310,106,311,107,318,109,320,101,326, 95,328,103,331,107
 2040 DATA 337,109,343,109,348,105,353, 90,341, 85,340, 96,338, 98,336, 98
 2050 DATA 333, 95,333, 91,335, 87,333, 81,327, 82, 0, 0
 2060 DATA 285,168,303,169,303,171,318,171,318,169,323,170,331,169,330,175
 2070 DATA 328,182,314,180,302,180,287,182,285,168, 0, 0
 2080 DATA 329,156,336,159,344,160,344,153,342,146,350,150,354,150,354,154
 2090 DATA 352,160,361,159,360,168,349,168,355,172,354,175,359,179,358,183
 2100 DATA 355,191,351,198,358,201,352,211,345,204,339,210,333,214,330,209
 2110 DATA 325,204,330,203,336,200,331,194,334,192,338,188,330,184,333,178
 2120 DATA 335,171,337,176,340,168,331,168,329,156, 0, 0
 2130 DATA 349,168,347,174,343,182,341,185, 0, 0
 2140 DATA 354,175,352,180,348,187,342,194,336,200, 0, 0
 2150 DATA 363,152,371,151,369,169,365,197,355,198,360,186,363,172,363,152
 2160 DATA 0, 0
 2170 DATA 372,150,380,150,386,148,382,166,380,166,379,181,379,210,370,215
 2180 DATA 367,215,363,210,359,207,363,203,365,200,369,204,372,198,374,187
 2190 DATA 374,168,372,150, 0, 0,999,999
 2200 ^°イント
 2210 DATA FF0055FF00AA, 120,122,180, 90,130,130,190,100, 0, 0
 2220 DATA FFFFFFFF, 250, 70,300, 80,318, 50,325, 50,330, 70,310,175
 2230 DATA 340,180,350,190,365,180,375,200,130,140,180,110
 2240 DATA 888,888, 0
 2250 カミ
 2260 DATA 122, 0,115, 8,108, 17,103, 26, 99, 35, 96, 45, 96, 48, 97, 48
 2270 DATA 101, 41,106, 35,112, 30,113, 30,114, 31,110, 37,106, 44,103, 52
 2280 DATA 102, 59,102, 68,103, 69,104, 69,107, 65,112, 56,116, 51,118, 50
 2290 DATA 119, 50,120, 51,120, 53,118, 62,117, 70,117, 79,119, 88,122, 95
 2300 DATA 126,103,131,109,136,113,142,116,148,117, 0, 0
 2310 DATA 127,160,128,169,131,178,135,187,140,195,146,203,152,210,159,215
 2320 DATA 168,220,178,223,188,224,197,224,205,222,210,219, 0, 0
 2330 カナ,フヒ,ハナ
 2340 DATA 158, 84,161, 87,164, 91,166, 95, 0, 0
 2350 DATA 191,118,196,123,201,130,206,140,208,150,208,159,206,170,204,178
 2360 DATA 201,185,198,190, 0, 0

2370 DATA 205,185,210,190,214,195,217,200,220,205, 0, 0
 2380 DATA 139,149,142,150,147,149,151,151,154,155,152,158,149,160, 0, 0
 2390 ' x
 2400 DATA 127,125,128,128,130,131,133,132,135,132,137,130,137,128, 0, 0
 2410 DATA 184, 93,185, 98,187,101,189,103,192,104,194,104,196,103,197,100
 2420 DATA 197, 97,195, 93,193, 90, 0, 0
 2430 DATA 110,126,115,124,120,123,124,123,130,124,135,126, 0, 0
 2440 DATA 163,102,167, 99,175, 94,186, 90,194, 88,198, 88,201, 90, 0, 0
 2450 DATA 999,999
 2460 ' ^oint
 2470 DATA FF0000, 100,130, 0, 0
 2480 DATA 000000, 130,128,190,100, 0, 0
 2490 DATA 55FFFFAAFFFF, 170,150,210,200,999,999
 2500 ' ラインサイショリ
 2510 DATA FFFF, 1
 2520 DATA 122, 0,115, 8,108, 17,103, 26, 99, 35, 96, 45, 96, 48, 97, 48
 2530 DATA 101, 41,106, 35,112, 30,113, 30,114, 31,110, 37,106, 44,103, 52
 2540 DATA 102, 59,102, 68,103, 69,104, 69,107, 65,112, 56,116, 51,118, 50
 2550 DATA 119, 50,120, 51,120, 53,118, 62,117, 70,117, 79,119, 88,122, 95
 2560 DATA 126,103,131,109,136,113,142,116,148,117, 0, 0
 2570 DATA 127,160,128,169,131,178,135,187,140,195,146,203,152,210,159,215
 2580 DATA 168,220,178,223,188,224,197,224,205,222,210,219,888,888
 2590 DATA FFFF, 7
 2600 DATA 158, 84,161, 87,164, 91,166, 95, 0, 0
 2610 DATA 191,118,196,123,201,130,206,140,208,150,208,159,206,170,204,178
 2620 DATA 201,185,198,190, 0, 0
 2630 DATA 205,185,210,190,214,195,217,200,220,205, 0, 0
 2640 DATA 139,149,142,150,147,149,151,151,154,155,152,158,149,160, 0, 0
 2650 DATA 135,126,134,124,131,122, 0, 0,110,122,110,125, 0, 0
 2660 DATA 112,128,120,137,127,143, 0, 0
 2670 DATA 140,139,140,136,138,129,135,126, 0, 0
 2680 DATA 201, 90,200, 87,198, 85, 0, 0,162, 98,163,101, 0, 0
 2690 DATA 165,104,173,118, 0, 0,203,104,203,101,203, 96,201, 90,888,888
 2700 DATA 5555, 6
 2710 DATA 158, 84,161, 87,164, 91,166, 95, 0, 0
 2720 DATA 191,118,196,123,201,130,206,140,208,150,208,159,206,170,204,178
 2730 DATA 201,185,198,190, 0, 0
 2740 DATA 205,185,210,190,214,195,217,200,220,205, 0, 0
 2750 DATA 139,149,142,150,147,149,151,151,154,155,152,158,149,160,888,888
 2760 DATA FFFF, 0
 2770 DATA 111,127,116,125,121,124,130,124, 0, 0
 2780 DATA 155, 91,165, 85,174, 80,184, 76,194, 74,186, 76,176, 80,165, 86
 2790 DATA 155, 92,155, 91, 0, 0
 2800 DATA 164,103,171, 98,176, 95,186, 91,194, 89, 0, 0
 2810 DATA 104,125,107,127,111,127, 0, 0,112,128,108,130,104,131, 0, 0
 2820 DATA 125,145,127,143, 0, 0,128,147,130,145, 0, 0
 2830 DATA 197, 98,195, 93,193, 90, 0, 0,157,104,160,104,163,102, 0, 0
 2840 DATA 160,107,165,104, 0, 0,198, 88,202, 85, 0, 0
 2850 DATA 199, 89,202, 88,205, 86, 0, 0,203,104,206,105, 0, 0
 2860 DATA 202,107,205,108,999,999
 2870 ' サークル
 2880 DATA 0.8,1.2, 7, 7,186, 95, 0, 0
 2890 DATA 0.8, 1, 7, 7,192, 97, 0, 0
 2900 DATA 0.8, 1, 7, 7,128,129, 0, 0
 2910 DATA 0.5,0.9, 7, 7,134,130,999,999
 2920 ' ショウケン
 2930 DATA 999
 2940 '
 2950 '
 2960 '
 2970 '
 2980 '
 2990 '
 3000 '
 3010 '
 3020 '
 3030 '
 3040 '

メソッド イック (フォウ)

FOR PC-8801

1984年 4月30日

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うる星やつら ビューティフル ドリーマー サクラ

PC—8801/mk II

大島一夫

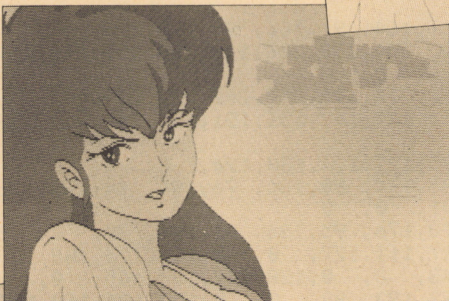
映画の名シーンをもう一度、サクラさん!!

このCGの元となったカットは、あまりにも有名な「うる星2」の湯沸室でのサクラさん。大島さんの次のターゲットはこの名シーンの再現にあったようです。

絵についてちょっと一言いわせてもらおうと、サクラさんの左目の部分の描き方に少し不満があります。ペイントされてトレラインが消えてしまうため、今ひとつはっきりしていません。原画に忠実なだけでなく、適度なアレンジも必要と思われます。

あと、背景が単調なので、そちらの方までキチンとデジタイズするか何か模様でも入れてみるとだいぶ違ってくると思いますよ。

▶右の写真はりんかくを書き終わって、肌の部分のペイントにはいったところ。曲線がきれいに出ており、デジタイズして拾った座標のうまさがかがえるでしょう。



プログラムの方は、拡張命令を使っていない方の大島さんのいつものパターンのものです。このような、プログラムとデータがきれいに分かれているようなプログラミングスタイルは、コピーして似たようなものを作るときには非常に便利です。またこの方がスッキリしていますので、みなさんもこのテクニックをまねてください。

▲上の写真はサクラさん本体を描き、タイトルロゴをペイント中。文字が重なっているため、ひとつのPAINT文でまとめて色ぬりをしてしまう。

その後、中心線を描き込んで完成。

特徴的なことを言えば、1550行から1610行の間の無限ループで、パレット番号3の色をぐるぐる変えています。これでタイトル文字の色がネオンのように美しく変わっていきます。このように何かアクセントをつけるのも、CGの楽しさでしょう。

うる星やつら ビューティフルドリーマーサクラ プログラムリスト

```
1000 'ショキセツタイ
1010 CONSOLE 0,25,0,1:WIDTH 80,25
1020 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1030 COLOR 7,7,0:CLS 3:COLOR 7,0,0
1040 WINDOW (0,0)-(400,250)
1050 'ライン
```

```

1060 READ C
1070 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1150
1080 PSET (X,Y),C
1090 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1070
1100 LINE-(X,Y),C:GOTO 1090
1150 'サークル 1
1160 READ R
1170 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1200
1180 CIRCLE(X,Y),R,0
1190 GOTO 1160
1200 'ハセント
1210 READ C$
1220 IF C$<>STRING$(6,'0') THEN BACK$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)
      ELSE BACK$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1230 TL$=""
1240 FOR I=1 TO LEN(C$) STEP 2
1250 T=VAL("&H"+MID$(C$,I,2))
1260 TL$=TL$+CHR$(T)
1270 NEXT I
1280 READ X,Y:IF X=0 THEN 1210 ELSE IF Y=999 THEN GOTO 1310
1290 PAINT(X,Y),TL$,C,BACK$
1300 GOTO 1280
1310 'ラインサイショリ
1320 READ C1:IF C1=999 THEN 1380
1330 READ X,Y
1340 PSET(X,Y),C1
1350 READ X,Y:IF X=0 AND Y=0 THEN 1330 ELSE IF X=999 AND Y=999 THEN GOTO 1320
1360 LINE-(X,Y),C1
1370 GOTO 1350
1380 'ラインスタイル
1390 READ A$:A=VAL("&H"+A$)
1400 READ X,Y,C2:IF X=888 THEN 1390 ELSE IF Y=999 THEN GOTO 1450
1410 PSET (X,Y),C2
1420 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1400
1430 LINE-(X,Y),C2,,A
1440 GOTO 1420
1450 'サークル 2
1460 READ S
1470 READ C3,C4,R
1480 READ X,Y:IF X=0 THEN 1460 ELSE IF Y=999 THEN GOTO 1510
1490 CIRCLE(X,Y),R,C4,,,S:PAINT(X,Y),C3,C4
1500 GOTO 1480
1510 'テン
1520 READ X,Y,C5:IF X=999 THEN GOTO 1550 ELSE IF Y=888 THEN GOTO 1050
1530 PSET (X,Y),C5
1540 GOTO 1520
1550 'ハレット
1560 FOR I=1 TO 6
1570 COLOR=(3,I)
1580 FOR J=1 TO 1000
1590 NEXT J
1600 NEXT I
1610 GOTO 1560
2000 'ミキ*メ
2010 DATA 0
2020 DATA 96,118,100,119,105,119,112,116,121,112,127,112,131,114,131,115
2030 DATA 126,113,121,113,112,117,101,122, 96,124, 0, 0
2040 DATA 100,119,101,120,101,122, 0, 0
2050 DATA 97,121,101,120,104,120, 0, 0
2060 DATA 103,121,105,125,107,127,112,129,116,129,123,127,127,125,130,122
2070 DATA 131,118,131,115, 0, 0
2080 DATA 107,119,109,123,112,126,115,127,117,127,121,125,122,121,122,117
2090 DATA 121,113, 0, 0
2100 DATA 109,118,112,123,115,124,117,122,117,120,116,117,115,115, 0, 0
2110 DATA 93,110, 96,110,102,112,107,115,112,114,117,111,121,109,126,109
2120 DATA 131,112,135,115,138,115,141,112,145,109,147,109,151,108,150,111
2130 DATA 151,116,152,120,154,124,158,129,159,131,159,134,157,138,157,142
2140 DATA 0, 0
2150 'ヒタ*リメ
2160 DATA 180, 93,176, 95,173, 96,169, 96,164, 98,160,101,157,104,157,105

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2170 DATA 160,102,164, 99,169, 97,173, 97,174, 98, 0, 0
 2180 DATA 157,105,156,107,156,109,157,111,159,112,162,112,166,111,168,110
 2190 DATA 171,108,174,105,175,101,174, 98, 0, 0
 2200 DATA 157,105,157,107,159,109,162,109,165,107,166,104,166,100,164, 98
 2210 DATA 0, 0
 2220 DATA 159,109,162,108,163,106,163,102,162,100, 0, 0
 2230 'カ'カ'
 2240 DATA 159,134,155,136,151,137,149,138,149,140,152,142,157,142, 0, 0
 2250 DATA 158,138,161,141,164,145,166,152,166,157,165,163,163,170, 0, 0
 2260 DATA 98,148,102,154,106,158, 0, 0
 2270 DATA 102,170,105,167,109,164,112,162, 0, 0
 2280 DATA 128,169,132,173,136,178,139,185,141,193,142,200,142,204, 0, 0
 2290 DATA 158,119,160,124,160,127,161,132,163,134,165,134,169,132,171,130
 2300 DATA 173,126,174,121,173,117,171,115,169,115,166,116,162,118,158,119
 2310 DATA 0, 0
 2320 DATA 174,230,180,230,190,232,196,234,200,237, 0, 0
 2330 DATA 188,238,193,238,200,240,205,243,208,246, 0, 0
 2340 'ク'チ
 2350 DATA 143,153,146,153,152,155,155,154,157,151,158,148,159,147,155,148
 2360 DATA 149,150,143,153, 0, 0
 2370 DATA 151,150,154,151,156,152, 0, 0
 2380 DATA 153,161,157,159,156,161,153,161, 0, 0
 2390 'ミ'ミ
 2400 DATA 92,106, 93,110, 93,115, 92,121, 90,127, 94,132, 97,138, 98,144
 2410 DATA 98,151, 97,156, 94,163, 93,159, 93,155, 94,149, 93,142, 91,137
 2420 DATA 88,132, 85,129, 81,126, 77,124, 74,124, 71,126, 70,129, 70,132
 2430 DATA 72,137, 75,142, 79,147, 84,151, 90,154, 93,155, 0, 0
 2440 'ミ'カ'ミ, 'カ'カ'
 2450 DATA 84,103, 92,106,100,108,105,108,101,105, 97,101, 94, 96,104,102
 2460 DATA 111,105,118,107,122,107,117,103,112, 98,108, 93,116, 98,124,101
 2470 DATA 133,103,126, 97, 0, 0
 2480 DATA 107, 78,110, 84,114, 89,119, 93,126, 97,137,101,142,104,146,107
 2490 DATA 148,107,150,105,152, 99,155, 94,159, 90,162, 85,162, 89,160, 95
 2500 DATA 166, 89,170, 82,173, 75,174, 68,176, 75,176, 80,174, 86,172, 90
 2510 DATA 177, 88,182, 84,181, 91,180, 98,181,104,183,113,184,120,184,128
 2520 DATA 181,141,176,153,169,164,166,168,163,170,156,172,147,172,135,170
 2530 DATA 124,167,114,163,106,158, 0, 0
 2540 'カ'ミ
 2550 DATA 68, 0, 67, 3, 67, 5, 69, 7, 71, 7, 76, 5, 85, 0, 0, 0
 2560 DATA 90, 0, 90, 2, 88, 4, 85, 6, 84, 8, 84, 10, 87, 12, 90, 12
 2570 DATA 97, 9,104, 7,113, 5,119, 5,130, 7,139, 11,145, 15,151, 20
 2580 DATA 157, 27,162, 34,164, 38,164, 40,162, 40,158, 36,154, 33,147, 29
 2590 DATA 145, 29,145, 31,150, 38,155, 45,158, 52,160, 60,160, 68,159, 70
 2600 DATA 158, 70,155, 62,152, 57,148, 52,144, 48,142, 48,146, 56,150, 65
 2610 DATA 152, 75,153, 83,153, 92,152, 96,150, 99,148, 99,145, 97,140, 91
 2620 DATA 0, 0
 2630 DATA 114, 68,117, 73,120, 76,126, 80,134, 86,140, 91,145, 98,146,101
 2640 DATA 146,103,144,104,137,101, 0, 0
 2650 DATA 194, 0,200, 6,205, 13,208, 19,211, 27,213, 35,214, 43,214, 52
 2660 DATA 213, 60,211, 67,209, 68,211, 58,211, 54,210, 49,208, 43,205, 37
 2670 DATA 206, 46,206, 54,205, 61,203, 68,200, 74,196, 80,192, 85,187, 91
 2680 DATA 184, 96,181,104, 0, 0
 2690 DATA 45, 0, 41, 5, 37, 11, 33, 19, 30, 28, 29, 28, 28, 25, 28, 23
 2700 DATA 27, 23, 25, 27, 22, 35, 19, 45, 17, 58, 16, 70, 18, 90, 18,104
 2710 DATA 16,121, 13,141, 9,157, 5,170, 0,183, 0, 0
 2720 DATA 42, 0, 37, 5, 33, 10, 30, 15, 28, 20, 27, 15, 27, 12, 28, 7
 2730 DATA 27, 7, 25, 11, 24, 17, 24, 21, 23, 26, 21, 31, 17, 38, 13, 47
 2740 DATA 11, 57, 10, 67, 10, 85, 9,102, 7,117, 5,130, 0,150, 0, 0
 2750 DATA 82,150, 84,158, 84,165, 82,172, 0, 0
 2760 DATA 49,210, 45,218, 38,231, 32,241, 26,250, 0, 0
 2770 DATA 98,153,100,160,101,168,102,178, 0, 0
 2780 DATA 180,144,185,151,193,159,203,168,213,176,221,183,227,190,231,196
 2790 DATA 235,203,240,214,243,223,245,231,246,238, 0, 0
 2800 'ワ' (ミ'キ')
 2810 DATA 44,250, 49,210, 52,195, 55,188, 60,182, 66,177, 72,174, 79,172
 2820 DATA 84,172, 92,174,100,178,107,182,116,190,124,199,131,209,138,220
 2830 DATA 144,232,151,250, 0, 0
 2840 DATA 102,179,106,179,112,181,120,185,129,190,135,195,140,201,143,207
 2850 DATA 145,217,146,227,148,234,153,250, 0, 0

2860 DATA 61,191, 64,187, 67,185, 70,185, 0, 0
 2870 DATA 77,185, 82,187, 87,191, 92,196, 95,201, 97,206, 0, 0
 2880 DATA 100,213,103,222,108,237,111,250, 0, 0
 2890 DATA 76,221, 75,226, 75,229, 76,234, 78,240, 82,250, 0, 0
 2900 DATA 131,230,133,238,135,250, 0, 0
 2910 '77 (ヒタリ)
 2920 DATA 159,201,161,200,164,199,168,199,176,197,180,197,191,199,201,202
 2930 DATA 207,205,212,209,216,214,219,219, 0, 0
 2940 DATA 205,212,210,216,219,219,226,222,233,226,238,231,243,237, 0, 0
 2950 DATA 228,232,243,237,252,241,260,246,266,250, 0, 0
 2960 'IU
 2970 DATA 155,201,157,201,162,203,189,216,197,219,205,221,203,223,214,225
 2980 DATA 221,227,225,229,228,232,233,240,242,250, 0, 0
 2990 DATA 157,206,159,206,168,210,181,218,215,238,222,244,228,250, 0, 0
 3000 DATA 212,237,215,247,205,246, 0, 0
 3010 DATA 179,250,155,225,149,219,145,217,149,217,154,219,191,240,199,244
 3020 DATA 213,250, 0, 0
 3030 DATA 150,239,157,244,168,250, 0, 0
 3040 DATA 153,240,156,239,159,236,159,234,158,231,158,229, 0, 0
 3050 'クヒ',ムネ
 3060 DATA 154,172,153,180,153,188,154,195,155,202,157,209, 0, 0
 3070 DATA 194,236,202,238,207,240,212,243,215,247, 0, 0
 3080 DATA 999,999
 3500 'サークル 1
 3510 DATA 0, 0, 0
 4000 'ポイント
 4010 DATA 55FF55AAFFAA, 135,105,106,160,150,210,199,242
 4020 DATA 175,130,153,139, 0, 0
 4030 DATA AAFFFF55FFFF, 135,135,120,175,190,235,165,125
 4040 DATA 125,110,208,243,118,112, 85,140
 4050 DATA 0, 0
 4060 DATA FF0000, 50,110, 0, 0
 4070 DATA 550000AA0000, 180, 40, 15, 90, 90,165, 40,240
 4080 DATA 190,190, 70, 3, 0, 0
 4090 DATA 000000, 113,120,160,105, 0, 0
 4100 DATA 00AA00005500, 120,120,164,101,110,122, 0, 0
 4110 DATA EEEFFF77FFFFBBFFFFDDFFFF, 90,210,130,200, 0, 0
 4120 DATA 00FFFF, 195,210, 0, 0
 4130 DATA FF00FF, 150,230,180,240, 0, 0
 4140 DATA FF5555FFAAAA, 220,247,210,230,250,245,165,245
 4150 DATA 155,247, 0, 0
 4160 DATA 55FF55AAFFAA, 151,152, 0, 0
 4170 DATA 00FF5500FFAA, 155,150,999,999
 5000 'ラインサイヨリ
 5010 'x
 5020 DATA 7
 5030 DATA 103,121,105,125,107,127, 0, 0
 5040 DATA 112,129,116,129, 0, 0
 5050 DATA 123,127,127,125, 0, 0
 5060 DATA 130,122,131,118,131,115, 0, 0
 5070 DATA 93,110, 96,110,102,112,107,115, 0, 0
 5080 DATA 126,109,131,112,135,115,138,115,141,112,145,109,147,109,151,108
 5090 DATA 0, 0
 5100 DATA 151,116,152,120, 0, 0
 5110 DATA 158,129,159,131, 0, 0
 5120 DATA 157,105,156,107,156,109,157,111, 0, 0
 5130 DATA 162,112,166,111, 0, 0
 5140 DATA 171,108,174,105, 0, 0
 5150 DATA 175,101,174, 98,999,999
 5160 DATA 0
 5170 DATA 100,112,105,108,110,105,114,105,130,108,138,108,135,109,129,109
 5180 DATA 122,107,114,105, 0, 0
 5190 DATA 161, 98,164, 94,168, 92,171, 92, 0, 0
 5200 DATA 174, 98,177, 98,180, 96, 0, 0
 5210 DATA 178, 88,174, 86,170, 86,165, 89,162, 92,158, 97,155,102,154,102
 5220 DATA 154,101,157, 96,161, 91,165, 88,170, 86,999,999
 5230 'カケ
 5240 DATA 7
 5250 DATA 159,134,155,136,151,137,149,138,149,140,152,142,157,142, 0, 0

5260 DATA 158,138,161,141,164,145,166,152,166,157,165,163,163,170, 0, 0
5270 DATA 98,138,102,154,106,158, 0, 0
5280 DATA 102,170,105,167,109,164,112,162, 0, 0
5290 DATA 128,169,132,173,136,178,139,185,141,193,142,200,142,204, 0, 0
5300 DATA 158,119,160,124,160,127,161,132,163,134,165,134,169,132,171,130
5310 DATA 173,126,174,121,173,117,171,115,169,115,166,116,162,118,158,119
5320 DATA 0, 0
5330 DATA 174,230,180,230,190,232,196,234,200,237, 0, 0
5340 DATA 188,238,193,238,200,240,205,243,208,246,999,999
5350 ミミ
5360 DATA 0
5370 DATA 76,131, 79,131, 83,133, 91,141, 0, 0
5380 DATA 81,141, 78,137, 78,135, 80,133, 83,133, 0, 0
5390 DATA 88,146, 84,145, 82,142, 82,140, 85,138, 88,139,999,999
5400 カミ
5410 DATA 1
5420 DATA 68, 0, 67, 3, 67, 5, 69, 7, 71, 7, 76, 5, 85, 0, 0, 0
5430 DATA 90, 0, 90, 2, 88, 4, 85, 6, 84, 8, 84, 10, 87, 12, 90, 12
5440 DATA 98, 9,104, 7,113, 5,119, 5,130, 7,139, 11,145, 15,151, 20
5450 DATA 157, 27,162, 34,164, 38,164, 40,162, 40,158, 36,154, 33,147, 29
5460 DATA 145, 29,145, 31,150, 38,155, 45,158, 52,160, 60,160, 68,159, 70
5470 DATA 158, 70,155, 62,152, 57,148, 52,144, 48,142, 48,146, 56,150, 65
5480 DATA 152, 75,153, 83,153, 92,152, 96,150, 99,148, 99, 0, 0
5490 DATA 146,101,146,103,144,104,137,101, 0, 0
5510 DATA 45, 0, 41, 5, 37, 11, 33, 19, 30, 28, 29, 28, 28, 25, 28, 23
5520 DATA 27, 23, 25, 27, 22, 35, 19, 45, 17, 58, 16, 70, 18, 90, 18,104
5530 DATA 16,121, 13,141, 9,157, 5,170, 0,183, 0, 0
5540 DATA 82,150, 84,158, 84,165, 82,172, 0, 0
5550 DATA 49,210, 45,218, 38,231, 32,241, 26,250,999,999
5560 DATA 5
5570 DATA 153,240,156,239,159,236,159,234,158,231,158,229,999,999
5580 DATA 999
6000 ラインスタイル
6010 DATA AAAA
6020 DATA 93,110, 6,96,110,102,112,107,115, 0, 0
6030 DATA 126,109, 6,131,112,135,115,138,115,141,112,145,109,147,109,151,108
6040 DATA 0, 0
6050 DATA 151,116, 6,152,120, 0, 0
6060 DATA 158,129, 6,159,131, 0, 0
6070 DATA 159,134, 6,155,136,151,137,149,138,149,140,152,142,157,142, 0, 0
6080 DATA 158,138, 6,161,141,164,145,166,152,166,157,165,163,163,170, 0, 0
6090 DATA 98,148, 6,102,154,106,158, 0, 0
6100 DATA 102,170, 6,105,167,109,164,112,162, 0, 0
6110 DATA 128,169, 6,132,173,136,178,139,185,141,193,142,200,142,204, 0, 0
6120 DATA 158,119, 6,160,124,160,127,161,132,163,134,165,134,169,132,171,130
6130 DATA 173,126,174,121,173,117,171,115,169,115,166,116,162,118,158,119
6140 DATA 0, 0
6150 DATA 174,230, 6,180,230,190,232,196,234,200,237, 0, 0
6160 DATA 188,238, 6,193,238,200,240,205,243,208,246, 0, 0
6170 DATA 999,999,999
7000 サークル 2
7010 DATA 0.5
7020 DATA 7, 7,0.5,117,122,160,105,163,106, 0, 0
7030 DATA 0.7
7040 DATA 7, 7,0.5,113,120,999,999
8000 テン
8010 DATA 888,888,888
9000 DATA 3
9010 DATA 236, 34,256, 37,255, 50,233, 46,236, 34, 0, 0
9020 DATA 257, 57,254, 53,250, 50,245, 49,240, 49,232, 52,234, 65,238, 62
9030 DATA 242, 61,244, 61,246, 62,247, 65,247, 67,245, 70,241, 73,233, 78
9040 DATA 247, 85,252, 81,255, 77,257, 73,257, 76,259, 80,262, 83,266, 85
9050 DATA 269, 85,274, 83,278, 80,281, 77,281, 84,313, 84,313, 74,302, 74
9060 DATA 302, 72,309, 72,309, 64,302, 62,309, 62,309, 53,302, 53
9070 DATA 302, 50,309, 50,309, 45,311, 58,315, 57,318, 83,328, 82,326, 68
9080 DATA 0, 0
9090 DATA 257, 57,263, 50,258, 50,258, 35,280, 35, 0, 0
9100 DATA 282, 47,274, 54,278, 56,282, 60,284, 50,282, 50,282, 46, 0, 0
9110 DATA 280, 35,279, 28,293, 26,299, 26,312, 28,311, 45,314, 44,313, 35

9120 DATA 323, 34,324, 44,326, 34,337, 36,337, 37,345, 35,347, 35,352, 37
 9130 DATA 356, 40,358, 43,362, 31,382, 36,378, 49,358, 43, 0, 0
 9140 DATA 326, 67,328, 70,332, 68,337, 63,338, 59,338, 54,337, 50,341, 49
 9150 DATA 343, 49,346, 51,347, 53,347, 56,346, 60,342, 65,336, 70,330, 73
 9160 DATA 339, 84,349, 75,353, 70,356, 66,356, 70,364, 71,367, 69,369, 69
 9170 DATA 369, 71,366, 73,356, 76,371, 84,375, 82,378, 79,381, 75,382, 71
 9180 DATA 382, 67,380, 63,377, 60,373, 58,370, 58,372, 49,360, 45,359, 47
 9190 DATA 358, 43, 0, 0
 9200 DATA 326, 67,322, 61,327, 57,327, 56,326, 54,324, 55,325, 58, 0, 0
 9210 DATA 337, 50,334, 47,335, 44,337, 50, 0, 0
 9220 DATA 283, 68,282, 74,291, 74,291, 72,285, 72,285, 68,288, 68,289, 63
 9230 DATA 291, 63,291, 64,289, 64, 0, 0
 9240 DATA 290, 50,290, 53,292, 53,292, 50,290, 50, 0, 0
 9250 DATA 341,117,333,117,333,105,334,102,336, 99,339, 97,343, 96,347, 96
 9260 DATA 352, 97,356,101,358,104,359,108,359,113,358,118,356,123,353,128
 9270 DATA 342,142,341,144,341,146,360,146,360,153,333,153,333,143,348,122
 9280 DATA 350,118,351,113,351,110,350,106,347,104,345,104,342,106,341,110
 9290 DATA 341,117, 0, 0
 9300 DATA 999,999
 9400 DATA 0, 0, 0
 9500 DATA FFFF00, 300, 50,350,125,250, 40,370, 40,999,999
 9600 DATA 7
 9610 DATA 264, 65,266, 64,269, 64,272, 67,268, 65,264, 65, 0, 0
 9620 DATA 274, 77,270, 79,266, 79,263, 77,262, 74,263, 71,267, 69,270, 70
 9630 DATA 272, 73,273, 77, 0, 0
 9640 DATA 326, 67,322, 61,327, 57,327, 56,326, 54,324, 55,325, 58, 0, 0
 9650 DATA 337, 50,334, 47,335, 44,337, 50, 0, 0
 9660 DATA 283, 68,282, 74,291, 74,291, 72,285, 72,285, 68,288, 68,289, 63
 9670 DATA 291, 63,291, 64,289, 64, 0, 0
 9680 DATA 290, 50,290, 53,292, 53,292, 50,290, 50, 0, 0
 9690 DATA 235, 40,255, 43, 0, 0
 9700 DATA 233, 58,238, 56,243, 55,246, 55,250, 57,252, 61,253, 66,253, 68
 9710 DATA 251, 73,248, 76,241, 81, 0, 0
 9720 DATA 257, 57,255, 59,257, 71, 0, 0
 9730 DATA 258, 70,257, 73, 0, 0
 9740 DATA 258, 42,277, 42,260, 61,265, 59,270, 59,274, 61,277, 66,277, 72
 9750 DATA 274, 77, 0, 0
 9760 DATA 280, 35,282, 46, 0, 0
 9770 DATA 282, 60,280, 68,285, 68, 0, 0
 9780 DATA 281, 74,281, 77, 0, 0
 9790 DATA 292, 35,296, 29,300, 35,307, 35,302, 41,306, 48,296, 45,286, 48
 9800 DATA 290, 41,283, 36,292, 35, 0, 0
 9810 DATA 287, 50,284, 68, 0, 0
 9820 DATA 297, 51,297, 79, 0, 0
 9830 DATA 286, 58,309, 58, 0, 0,288, 68,309, 68, 0, 0
 9840 DATA 282, 79,312, 79, 0, 0,309, 50,309, 45,311, 45, 0, 0
 9850 DATA 317, 35,323, 82, 0, 0
 9860 DATA 310, 51,322, 48,325, 48,329, 50,331, 53,332, 57,332, 60,330, 63
 9870 DATA 326, 66, 0, 0
 9880 DATA 337, 37,333, 39,335, 44, 0, 0
 9890 DATA 335, 44,341, 42,345, 42,350, 44,353, 47,354, 51,353, 58,350, 65
 9900 DATA 345, 71,335, 79, 0, 0
 9910 DATA 359, 47,359, 59,356, 66, 0, 0,360, 37,380, 43, 0, 0
 9920 DATA 366, 48,362, 66,367, 63,371, 63,375, 65,377, 69,377, 71,375, 74
 9930 DATA 372, 77,366, 81, 0, 0,332, 35,329, 50, 0, 0
 9940 DATA 282, 50,309, 50,999,999
 9950 DATA 999
 9960 DATA 999,999,999,999
 9970 DATA 999,999,999,999,999,999
 9980 DATA 999,999,999

10000
 10010
 10020
 10030
 10040
 10050
 10060
 10070
 10080

ビューティフル トリーマー (サクラ)

FOR PC-8801

1983年12月31日

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うる星やつら せめて最後の口づけを…

PC-8801/mk II

森田英雄

あこがれのラムさんと最後の口づけを…

わりと印象深いシーンだったので覚えていた人も多いかと思います。これは、TVの「消えないルージュマジック」のワンカットで、メガネ君のラムさんとのキスの想像図なのでした。TVではこの部分はセピア色の画面で、CGにするとき色の選択に困ったんじゃないかと思います。それでちょっとパッとしない色あいになってしまったのでしょうか。セピア色のままで通すか、普通の色でいくか迷って、どっちつかずになってしまったようですね。8色しか出ない今のマイコンでのCGなら、なるべくハデな色にした方が有利でしょう。

このプログラムは、絵を描いている間何も表示されず、描き終わったあと

にパッと表示されますので、リストを打ち込んだ人はおどろかないくださいね。

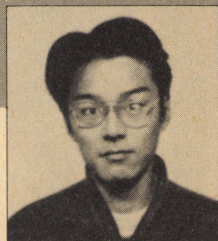
また、PC-8801mkIIでは問題ありませんが、タイトルの表示に漢字を使っています。ID88で漢字ROMのない人はその部分をけずるか、てきとうなカナ文字のPRINT文に直してください。

さきほど色の使い方にもふれましたが、絵全体についてももう一步というところです。背景にカゲをつけてアクセントを出したところはよいのですが、模様と色あいがちょっと単調だったようで残念なところです。

でも、たったの4ヶ月でめんどろなN88-BASICをここまで使えるようになったのは立派。期待してます。

作者のプロフィール

「プログラムはごくやさしいもので作ってありますので、理解しやすいと思います。ここで自己紹介させてもらおうと、17才で現在工業高校の2年生です。マイコン歴は1年ちょっとで、現在使用しているPC-8801mkIIを手に入れたのが高1の終わり。このCGは使用はじめて4ヵ月目ごろ作りました」



うる星やつら せめて最後の口づけを… プログラムリスト

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8 COLOR=(7,7):COLOR=(6,6):COLOR=(4,4):COLOR=(3,3):COLOR=(2,2):COLOR=(1,1):COLOR=
(5,5):COLOR=(0,0)
9 CLS 3 : GOSUB 7200 : FOR I=0 TO 2200: NEXT I
10 CONSOLE 0,25,0,1:COLOR 0,7: SCREEN 0,0:CLS 3: LOCATE ,,1
20 GOTO 1000
30 ' LINE -----
50 READ X,Y : IF X=999 AND Y=999 THEN RETURN
60 PSET (X,Y)
70 READ X,Y : IF X=0 AND Y=0 THEN GOTO 50
80 LINE -(X,Y),C :GOTO 70
90 ' PAINT TILE -----
100 A$=CHR$(182)+CHR$(0)+CHR$(191)+CHR$(107)+CHR$(0)+CHR$(251)
110 B$=CHR$(73 )+CHR$(0)+CHR$(85 )+CHR$(148)+CHR$(0)+CHR$(170)
120 C$=CHR$(171)+CHR$(255)+CHR$(239)+CHR$(186)+CHR$(255)+CHR$(254)
130 D$=CHR$(239)+CHR$(255)+CHR$(255)+CHR$(254)+CHR$(255)+CHR$(255)
140 E$=CHR$(68 )+CHR$(221)+CHR$(221)+CHR$(136)+CHR$(187)+CHR$(187)
150 F$=CHR$(85 )+CHR$(255)+CHR$(255)+CHR$(85 )+CHR$(255)+CHR$(255)
160 G$=CHR$(255)+CHR$(85 )+CHR$(255)+CHR$(255)+CHR$(170)+CHR$(255)
170 H$=CHR$(170)+CHR$(255)+CHR$(187)+CHR$(170)+CHR$(255)+CHR$(238)
180 I$=CHR$(73 )+CHR$(68 )+CHR$(68 )+CHR$(148)+CHR$(17 )+CHR$(17 )

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190 J$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFE)+CHR$(&H0)+CHR$(&H0)+CH
R$(&HFE)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFE)+CHR$(&H0)+CHR$(&HFE)+CHR$(&H0)
200 K$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)
+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)+CHR$(&H33)
210 L$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR
$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR$(&H3)+CHR
$(&H3)+CHR$(&H3)+CHR$(&H3)
220 M$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)
+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CH
R$(&HEE)+CHR$(&HEE)+CHR$(&HEE)+CHR$(&HEE)
230 N$=CHR$(&H0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)
+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CHR$(&HFE)+CH
R$(&HFE)+CHR$(&HFE)+CHR$(&HFE)
240 RETURN
250 'PAINT -----
270 READ X,Y : IF X=0 AND Y=0 THEN RETURN
280 PAINT (X,Y),0,0 : GOTO 270
290 'LINE 75
310 READ X,Y : IF X=999 AND Y=999 THEN RETURN
320 PSET (X,Y)
330 READ X,Y : IF X=0 AND Y=0 THEN GOTO 310
340 LINE-(X,Y),C,L: GOTO 330
1000 'LINE SUB -----
1010 RESTORE 5000 : C=0 : GOSUB 50 : COLOR=(5,0)
1020 'カケ LINE-----
1030 RESTORE 6000 : C=0 : GOSUB 50
1040 RESTORE 6040 : C=0 : GOSUB 50
1050 RESTORE 6060 : C=0 : GOSUB 50
1060 RESTORE 6140 : C=0 : GOSUB 50
1070 'PAINT 70 -----
1080 RESTORE 7000 : GOSUB 250
1090 'PAINT LUM カミ -----
1100 RESTORE 7050:GOSUB 100 :GOSUB 1500
1110 RESTORE 7060 :GOSUB 100 : GOSUB 1530
1120 RESTORE 7080:GOSUB 100 : GOSUB 1550
1130 RESTORE 7090 :GOSUB 100 : GOSUB 1570
1140 RESTORE 7110:GOSUB 100 : GOSUB 1580
1150 RESTORE 7130 :GOSUB 100 : GOSUB 1600
1160 RESTORE 7150 :GOSUB 100 : GOSUB 1620
1170 RESTORE 7170 :GOSUB 100 : GOSUB 1640
1180 RESTORE 7190 :GOSUB 100 : GOSUB 1660
1200 'カケ 75 シロ -----
1210 RESTORE 6000 : C=7 : GOSUB 50
1220 'カケ 75 ホウシ -----
1230 RESTORE 6040 : C=6 : L=21845: GOSUB 290
1240 'カケ 75 ホウシ -----
1250 RESTORE 6040 : C=7 : L=-21845 : GOSUB 290
1260 'メカネ -----
1270 RESTORE 6060 : C=6 : L=21845 : GOSUB 290
1280 RESTORE 6060 : C=7 : L=-21845 : GOSUB 290
1290 'メカネ -----
1300 RESTORE 6140 : C=7 : GOSUB 50 : GOTO 1310
1310 'PAINT ハツク -----
1320 PAINT (639,1),N$,0
1330 PAINT (510,54),J$,0
1340 PAINT (265,130),J$,0
1350 PAINT (233,93),J$,0
1360 PAINT (233,162),J$,0
1370 PAINT (234,83),J$,0
1380 COLOR=(7,7):COLOR=(6,6):COLOR=(4,4):COLOR=(3,3):COLOR=(2,2):COLOR=(1,1):COL
OR=(5,5)
1390 FOR I=1 TO 1000 : NEXT I: COLOR =(7,5) : FOR I=1 TO 1000 : NEXT I : COLOR =
(7,7)
1400 GOTO 1390
1500 'PAINT -----
1510 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1520 PAINT (X,Y),A$,0 :GOTO 1510
1530 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1540 PAINT (X,Y),B$,0 :GOTO 1530
1550 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1560 PAINT (X,Y),C$,0 :GOTO 1550
1570 READ X,Y : IF X=0 AND Y=0 THEN RETURN

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1575 PAINT(X,Y),D$,0 : GOTO 1570
1580 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1590 PAINT (X,Y),E$,0 :GOTO 1580
1600 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1610 PAINT (X,Y),F$,0 :GOTO 1600
1620 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1630 PAINT (X,Y),G$,0 :GOTO 1620
1640 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1650 PAINT (X,Y),H$,0 :GOTO 1640
1660 READ X,Y : IF X=0 AND Y=0 THEN RETURN
1670 PAINT (X,Y),I$,0 :GOTO 1660
5000 'LINE DATA -----
5010 DATA 0,53,12,51,28,48,55,42,96,34,125,28,158,19,171,15,183,12,199,8,211,4,2
17,0,0,0
5020 DATA 210,4,211,7,213,13,222,22,216,27,198,34,173,42,146,49,103,59,60,68,26,
75,0,79,0,0
5030 DATA 222,22,222,18,221,15,226,21,227,22,227,25,236,30,240,34,242,40,242,44,
241,48,240,41,238,39,235,37,236,41,234,45,233,49,230,44,225,55,221,61,212,69,212
,62,200,72,184,79,180,80,0,0
5040 DATA 180,80,188,75,192,71,193,69,194,67,193,64,191,64,185,71,177,77,163,82,
142,91,115,105,106,112,101,117,101,120,108,138,111,143,115,148,120,153,132,158,1
51,166,133,163,147,172,169,184,190,190,193,192,170,187,203,199,0,0
5050 DATA 135,199,118,183,104,164,98,154,98,150,91,129,88,121,80,114,72,106,59,9
9,51,95,42,94,38,96,36,98,36,100,37,102,40,105,41,108,42,112,46,122,51,131,56,13
4,71,141,83,144,88,145,91,145,96,144,0,0
5060 DATA 45,107,49,105,53,105,59,107,68,113,77,120,81,124,84,127,83,130,82,132,
77,132,77,134,75,135,72,135,70,134,59,126,52,121,52,118,53,115,56,115,59,116,61,
118,0,0
5070 DATA 80,132,85,134,88,137,91,138,0,0
5080 DATA 116,104,113,116,114,118,117,122,130,134,142,143,157,151,177,158,208,16
4,225,168,241,173,258,181,235,172,227,170,216,168,248,181,263,188,267,191,246,18
3,272,196,277,199,0,0
5090 DATA 71,66,62,74,57,83,56,88,56,97,0,0
5100 DATA 226,53,230,58,231,63,231,66,230,71,225,81,225,84,226,88,232,94,239,98,
248,99,259,100,261,102,261,104,260,107,256,114,256,115,257,117,259,121,258,123,2
48,129,254,128
5110 DATA 257,128,259,130,259,132,258,134,259,136,261,139,262,142,263,144,263,14
6,262,148,260,149,257,150,243,152,217,156,191,157,175,157,0,0
5120 DATA 238,153,231,155,224,158,219,160,216,162,214,165,216,163,0,0
5130 DATA 92,146,89,158,85,170,82,175,68,190,51,199,0,0
5140 DATA 82,175,95,177,113,177,0,0
5150 DATA 59,195,102,197,134,199,0,0
5160 DATA 51,131,50,149,45,168,36,160,23,177,6,183,0,184,0,0
5170 'PP -----
5180 DATA 240,36,246,38,252,42,253,45,254,48,255,50,249,45,252,50,253,52,252,54,
250,59,249,55,248,62,243,67,240,70,241,68,239,69,236,71,234,73,226,77,0,0
5190 DATA 203,32,209,38,210,40,210,43,209,45,208,49,206,47,198,59,197,54,195,49,
190,60,186,65,186,61,174,70,171,72,171,69,159,78,148,83,128,89,106,96,98,100,86,
110,81,99
5200 DATA 80,88,82,77,85,83,92,71,100,62,100,64,106,58,0,0
5210 DATA 211,72,189,78,177,82,168,87,184,81,204,76,213,74,213,73,212,73,211,72,
210,70,213,73,0,0
5220 DATA 201,83,197,82,191,83,183,88,179,92,177,99,177,102,177,104,179,105,0,0
5230 DATA 207,87,207,90,209,93,211,95,0,0
5240 'X -----
5250 DATA 213,98,212,99,194,104,177,107,171,111,180,108,188,107,198,104,207,102,
211,100,0,0
5260 'メカネ -----
5270 DATA 250,41,255,37,260,32,258,41,259,45,264,54,271,59,281,67,283,69,0,0
5280 DATA 287,69,280,54,279,50,280,47,288,36,0,0
5290 DATA 285,41,284,47,284,53,290,45,291,43,0,0
5300 DATA 291,36,290,42,291,44,296,49,306,53,302,48,301,45,302,41,305,35,318,29,
316,34,317,37,320,42,319,37,320,35,322,33,328,40,337,46,347,49,367,51,396,49,422
,46,436,47,451,50,0,0
5310 DATA 368,51,372,53,374,58,376,62,386,67,409,70,425,71,435,72,438,75,439,78,
436,85,434,89,434,92,433,95,432,101,430,103,428,104,422,104,423,98,421,93,417,88
,416,83,417,77,421,71,0,0
5320 DATA 394,68,399,77,399,82,396,89,396,95,403,105,405,108,405,104,413,113,420
,118,422,111,423,107,423,104,0,0
5330 DATA 256,113,263,118,267,123,269,127,273,129,275,131,280,136,284,140,287,14
2,292,144,301,144,315,143,336,145,342,143,361,138,377,131,390,127,405,120,407,11
8,407,116,0,0

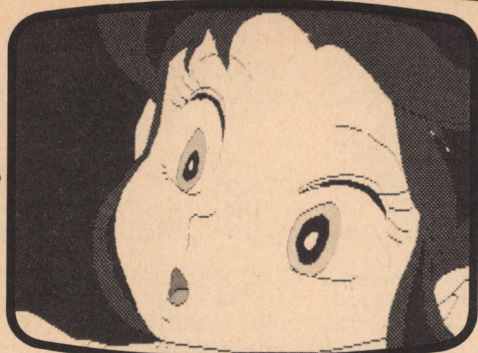
```

5340 DATA 375,199,379,197,378,194,376,191,369,185,360,181,390,174,390,166,388,16
3,383,157,368,150,384,142,401,131,427,118,464,102,486,97,504,94,515,104,521,108,
524,120,524,128,521,130
5350 DATA 515,132,517,133,519,136,516,136,539,138,553,141,576,150,597,160,621,17
0,639,178,0,0
5360 DATA 419,199,429,183,454,163,471,149,477,143,496,131,502,129,0,0
5370 DATA 475,172,488,161,488,157,491,145,501,135,0,0
5380 DATA 535,199,551,180,575,157,581,153,0,0
5390 DATA 446,148,485,130,514,113,520,108,0,0
5400 DATA 482,98,483,93,482,89,481,88,485,91,486,78,484,74,488,83,486,69,484,63,
475,54,475,41,466,23,445,6,432,0,0,0
5410 DATA 378,62,389,65,410,68,438,68,452,72,0,0
5420 DATA 322,144,324,148,323,150,322,153,323,155,331,159,339,167,0,0
5430 DATA 263,143,281,138,0,0
5440 DATA 234,154,230,159,250,162,269,165,278,168,285,175,268,181,267,183,270,18
5,270,194,0,0
5450 DATA 256,163,231,170,0,0
5460 DATA 328,158,310,167,300,176,300,181,300,189,302,199,0,0
5470 DATA 324,199,313,181,308,173,308,169,0,0
5480 DATA 332,199,365,183,0,0
5490 DATA 369,179,390,167,0,0
5500 DATA 349,175,357,174,366,171,372,168,382,166,0,0
5510 DATA 338,174,328,168,324,167,319,168,318,169,0,0
5520 DATA 360,163,367,153,0,0
5530 DATA 377,143,389,130,0,0
5540 DATA 392,88,392,92,392,94,390,97,382,101,371,107,372,116,371,118,0,0
5550 DATA 243,66,266,66,271,67,274,70,289,70,292,66,347,61,352,62,354,64,358,69,
389,68,0,0
5560 DATA 242,68,264,68,270,70,274,73,289,73,294,76,294,69,299,67,344,63,352,65,
355,70,357,74,397,69,0,0
5570 DATA 294,75,295,79,302,88,305,90,310,90,350,88,357,87,360,85,357,73,0,0
5580 DATA 273,73,279,86,278,88,276,90,241,92,232,89,231,87,227,76,0,0
5590 DATA 231,75,236,80,240,85,241,88,242,98,0,0
5600 DATA 285,89,280,92,276,94,276,96,278,98,281,100,284,101,286,103,288,105,289
,107,0,0
5610 DATA 282,100,286,101,287,100,302,99,305,100,309,102,311,104,0,0
5620 DATA 285,121,289,120,295,121,302,122,310,121,315,120,322,120,340,122,0,0
5630 DATA 303,129,317,129,0,0
5640 DATA 293,66,290,65,331,50,339,48,347,52,339,51,310,63,0,0
5650 DATA 272,68,274,66,259,63,249,58,0,0
5660 DATA 247,63,253,66,0,0
5670 DATA 318,67,323,66,332,68,337,71,341,76,342,78,0,0
5680 DATA 425,77,427,75,429,75,432,76,432,79,429,90,429,92,429,94,427,95,426,94,
0,0
5690 DATA 428,82,425,82,424,84,424,87,426,89,426,91,0,0
5700 DATA 422,112,429,117,0,0
5710 ' X -----
5720 DATA 312,82,323,82,327,81,339,79,339,80,325,82,326,83,310,83,0,0
5730 ' ハック -----
5740 DATA 505,0,548,45,536,78,572,107,570,123,581,136,639,155,0,0,999,999
6000 ' LUM カケ LINE -----
6010 DATA 156,85,152,90,150,96,150,109,154,115,169,131,187,145,209,153,224,155,0
,0
6020 DATA 260,104,250,108,248,110,249,112,255,115,0,0,999,999
6030 ' ホカシ カケ LINE -----
6040 DATA 157,0,171,8,172,10,170,15,172,18,168,23,166,27,169,34,176,40,178,40 ,0
,0,999,999
6050 ' メカネ カケ LINE -----
6060 DATA 330,42,329,50,0,0
6070 DATA 329,55,329,62,0,0
6080 DATA 310,104,299,107,290,110,289,113,291,115,294,117,293,120,0,0
6090 DATA 293,122,296,127,301,132,308,135,309,137,308,141,308,143,0,0
6100 DATA 390,96,389,105,384,108,379,111,372,117,0,0
6110 DATA 309,90,314,95,314,99,313,102,310,104,0,0,999,999
6130 ' メカネ / メカネ カケ LINE -----
6140 DATA 256,69,276,89,0,0
6150 DATA 258,90,233,74,0,0
6160 DATA 240,69,267,89,0,0
6170 DATA 335,65,345,71,348,87,0,0
6180 DATA 356,86,348,68,348,65,0,0,999,999
7000 ' PAINT POINT (70)-----

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7010 DATA 121,70,53,74,192,105,196,104,200,103,204,102,207,101,187,106,182,107,1
78,108,175,109,111,120,180,190,257,186,259,187,261,188,220,168,226,169
7020 DATA 229,170,239,173,242,174,244,175,313,59,343,51,269,66,272,67,257,65,257
,67,301,66,312,65,324,64,336,63,345,62
7030 'カミ -----
7040 DATA 315,0,403,80,0,0
7045 ' PAINT LUM カミ -----
7050 DATA 210,73,196,77,192,78,189,79,185,80,182,81,179,82,177,83,0,0
7060 DATA 217,32,234,57,54,170,0,0
7070 ' ア"イロ -----
7080 DATA 129,119,255,109,58,109,89,167,199,158,339,155,310,77,344,58,421,89,334
,47,354,74,0,0
7090 DATA 179,119,0,0
7100 ' 77 カ" -----
7110 DATA 72,198,134,9,134,38,571,179,315,155,249,167,260,189,257,188,255,187,0,
0
7120 ' 77 -----
7130 DATA 84,186,194,21,194,2,410,163,0,0
7140 ' カ"ネ -----
7150 DATA 345,68,267,72,251,82,0,0
7160 '
7170 DATA 270,103,255,57,288,55,319,62,377,109,0,0
7180 '
7190 DATA 364,194,382,173,307,187,0,0
7200 ' NAME -----
7210 COLOR=(7,0) : COLOR=(6,0): COLOR=(4,0):COLOR=(3,0):COLOR=(2,0):COLOR=(1,0)
7220 PUT(50,10),KANJI(&H3A6E),PSET,5,0
7230 PUT(70,10),KANJI(&H494A),PSET,5,0
7240 PUT(90,10),KANJI(&H4C3E),PSET,5,0
7250 PUT(70,30),KANJI(&H243B),PSET,5,0
7260 PUT(90,30),KANJI(&H2461),PSET,5,0
7270 PUT(110,30),KANJI(&H2446),PSET,5,0
7280 PUT(130,30),KANJI(&H3A47),PSET,5,0
7290 PUT(150,30),KANJI(&H347C),PSET,5,0
7295 PUT(170,30),KANJI(&H244E),PSET,5,0
7296 PUT(200,30),KANJI(&H387D),PSET,5,0
7300 PUT(220,30),KANJI(&H2445),PSET,5,0
7310 PUT(240,30),KANJI(&H2431),PSET,5,0
7320 PUT(260,30),KANJI(&H2472),PSET,5,0
7330 PUT(280,30),KANJI(&H2145),PSET,5,0
7340 PUT(300,30),KANJI(&H2145),PSET,5,0
7350 PUT(50,50),KANJI(&H3B48),PSET,5,0
7360 PUT(70,50),KANJI(&H4D51),PSET,5,0
7370 PUT(90,50),KANJI(&H3521),PSET,5,0
7380 PUT(110,50),KANJI(&H3C6F),PSET,5,0
7390 PUT(150,50),KANJI(&H2338),PSET,5,0
7400 PUT(170,50),KANJI(&H2338),PSET,5,0
7410 PUT(190,50),KANJI(&H2330),PSET,5,0
7420 PUT(210,50),KANJI(&H2331),PSET,5,0
7430 PUT(230,50),KANJI(&H236D),PSET,5,0
7440 PUT(250,50),KANJI(&H236B),PSET,5,0
7450 PUT(270,50),KANJI(&H2349),PSET,5,0
7460 PUT(280,50),KANJI(&H2349),PSET,5,0
7470 PUT(70,80),KANJI(&H2362),PSET,5,0
7480 PUT(90,80),KANJI(&H2379),PSET,5,0
7490 PUT(120,80),KANJI(&H3F39),PSET,5,0
7500 PUT(140,80),KANJI(&H4544),PSET,5,0
7510 PUT(160,80),KANJI(&H3151),PSET,5,0
7520 PUT(180,80),KANJI(&H4D3A),PSET,5,0
7535 ' PAINT -----
7540 PUT(200,120),KANJI(&H2437),PSET,5,0
7550 PUT(220,120),KANJI(&H2450),PSET,5,0
7560 PUT(240,120),KANJI(&H2469),PSET,5,0
7570 PUT(260,120),KANJI(&H242F),PSET,5,0
7580 PUT(300,120),KANJI(&H245E),PSET,5,0
7590 PUT(320,120),KANJI(&H2443),PSET,5,0
7600 PUT(340,120),KANJI(&H2446),PSET,5,0
7610 PUT(360,120),KANJI(&H242F),PSET,5,0
7620 PUT(380,120),KANJI(&H2440),PSET,5,0
7630 PUT(400,120),KANJI(&H2435),PSET,5,0
7640 PUT(420,120),KANJI(&H2424),PSET,5,0
7650 PUT(440,120),KANJI(&H2144),PSET,5,0
7660 RETURN

```



うる星やつら ラム

PC—8801/mk II

渡辺寛太

「うる星2」のラムちゃんをCGで!!

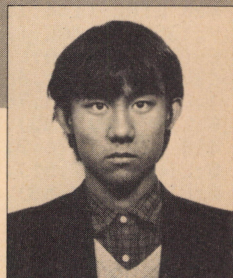
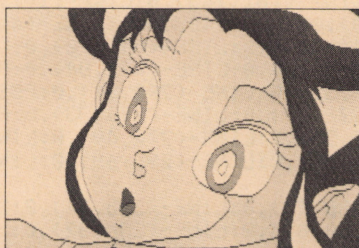
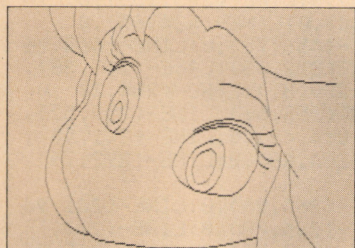
映画「うる星2」の冒頭のシーンのラムちゃんです。わりと好んでCGに使われる絵ですが、顔の表情、色の使いに工夫が見られる作品です。

渡辺くんの手紙によると、このカットをセルに描いて、それをディスプレイにはりつけて座標を拾ったとか。また、ラムちゃんの髪の色を決めるのに4日間かけたとのことで、その努力がちゃんとCG上に表れたようですね。

ただ、背景が黒一色でちょっとさびしいのと、画面全体を使わずに下の方がテキスト3行ほどあまっているのが気になります。せっかくグラフィックツールを作成したのなら、もう少し細かい絵がらに挑戦してみてください。プログラムのにも、もう少し改善の余地がありそうです。

作者のプロフィール

「コンピューター歴1年半、機種はPC-8801mkII model30! CGの勉強をはじめから8ヶ月位です。写真とアニメに没頭中! グラフィックツールはすでに5種類ほどつくりました。ゲームプログラマーになりたいという夢がありながら、そのグラフィック機能に魅せられてしまいました。最近PC-100により、CGを製作しています」



うる星やつら ラム プログラムリスト

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100 /
110 /
120 /      *** URUSEI YATSURA ***
130 /
140 /      (C) TAKAHASHI RUMIKO 1984
150 /
160 /      Picture ... Drawn by (C) WATANABE SOFT 1984
170 /
180 /      Tool ... Grphic Program Generator
190 /
200 /      ( Wednesday 24. April. 1984 )
210 /
220 /
230 /      ===== INITIALIZE =====
240 DEFINT A-Z: DIM TILE$(21): SCREEN 0,0: CLS: WINDOW (10,10)-(630,170): VIEW (0,0)-(639,172)
250 LINE(0,0)-(639,172),7,BF: FOR I=0 TO 21: IF I=2 OR I=3 THEN READ CB,CR,CG,A,B,
C: TILE$(I)=CHR$(CB)+CHR$(CR)+CHR$(CG)+CHR$(A)+CHR$(B)+CHR$(C): GOTO 260 ELSE READ
CB,CR,CG: TILE$(I)=CHR$(CB)+CHR$(CR)+CHR$(CG)

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リスト続く

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260 NEXT I
270 ' ===== TILE PALLET DATA =====
280 DATA 0,0,0,0,85,0,85,255,255,170,255,255,0,0,136,0,0,34,0,170,85,170,85,0,25
5,255,0,255,0,255,0,255,255,85,0,255,0,85,255,85,255,0,0,255,85,255,0,85,255,85,
0,255,85,170,85,255,170,85,170,255,255,0,0,0
290 DATA 255,0,0,0,255,255,255,255
300 ' ===== MAIN PROGRAM =====
310 POINT(238,35):LINE-(229,64),0:LINE-(219,77),0:LINE-(212,81),0:LINE-(202,87),
0:LINE-(194,93),0:LINE-(187,104),0:LINE-(186,112),0:LINE-(188,121),0:LINE-(195,1
31),0:LINE-(209,147),0:LINE-(219,155),0:LINE-(228,160),0:LINE-(238,162),0:LINE-(
309,166),0
320 LINE-(383,166),0:LINE-(410,164),0:LINE-(455,160),0:POINT(455,170):LINE-(456,
160),0:LINE-(457,155),0:LINE-(459,149),0:LINE-(464,141),0:LINE-(469,135),0:LINE-
(477,127),0:LINE-(485,118),0:LINE-(487,113),0:LINE-(489,105),0:POINT(542,170)
330 LINE-(522,159),0:LINE-(513,153),0:LINE-(505,143),0:LINE-(501,134),0:LINE-(50
0,114),0:POINT(512,123):LINE-(500,114),0:LINE-(489,105),0:LINE-(482,98),0:LINE-(
473,83),0:LINE-(470,73),0:LINE-(465,58),0:LINE-(462,53),0:POINT(564,64):LINE-(50
7,62),0
340 LINE-(487,59),0:LINE-(470,55),0:LINE-(462,53),0:LINE-(453,48),0:LINE-(439,39
),0:LINE-(429,34),0:LINE-(414,28),0:LINE-(409,27),0:LINE-(404,26),0:LINE-(398,26
),0:LINE-(392,27),0:LINE-(387,29),0:LINE-(377,21),0:LINE-(370,17),0:LINE-(361,13
),0
350 LINE-(349,10),0:LINE-(338,10),0:LINE-(327,11),0:LINE-(313,15),0:LINE-(303,22
),0:LINE-(299,29),0:LINE-(299,34),0:LINE-(297,39),0:LINE-(288,31),0:LINE-(283,24
),0:LINE-(278,17),0:POINT(282,10):LINE-(278,17),0:LINE-(272,24),0:LINE-(265,28),
0
360 LINE-(259,33),0:LINE-(257,37),0:LINE-(260,42),0:LINE-(254,37),0:LINE-(253,33
),0:LINE-(255,29),0:LINE-(257,26),0:POINT(262,23):LINE-(257,26),0:LINE-(245,30),
0:LINE-(238,35),0:LINE-(234,38),0:POINT(231,58):LINE-(222,52),0:LINE-(214,46),0
370 LINE-(205,36),0:LINE-(200,30),0:LINE-(199,24),0:LINE-(199,19),0:LINE-(201,10
),0:POINT(166,10):LINE-(164,13),0:LINE-(164,15),0:LINE-(167,21),0:LINE-(173,27),
0:LINE-(181,33),0:LINE-(191,39),0:LINE-(200,43),0:LINE-(215,46),0:POINT(220,50)
380 LINE-(216,54),0:LINE-(211,59),0:LINE-(206,64),0:LINE-(205,68),0:LINE-(205,73
),0:LINE-(205,77),0:LINE-(205,80),0:POINT(226,54):LINE-(217,72),0:LINE-(211,77),
0:LINE-(205,80),0:LINE-(195,86),0:LINE-(185,92),0:LINE-(172,100),0:LINE-(167,106
),0
390 LINE-(164,112),0:LINE-(163,118),0:LINE-(163,124),0:LINE-(165,129),0:LINE-(16
9,135),0:LINE-(176,141),0:LINE-(181,145),0:LINE-(191,151),0:LINE-(203,155),0:LIN
E-(218,158),0:LINE-(224,158),0:POINT(405,64):LINE-(418,64),0:LINE-(424,65),0
400 LINE-(431,66),0:LINE-(441,68),0:LINE-(447,70),0:LINE-(456,73),0:LINE-(463,76
),0:LINE-(466,78),0:LINE-(468,80),0:LINE-(472,84),0:POINT(322,43):LINE-(317,38),
0:LINE-(312,35),0:LINE-(306,32),0:LINE-(299,31),0:POINT(289,31):LINE-(284,30),0
410 LINE-(276,31),0:LINE-(273,32),0:LINE-(270,33),0:POINT(253,56):LINE-(259,52),
0:LINE-(262,51),0:LINE-(265,50),0:LINE-(270,49),0:LINE-(274,49),0:LINE-(281,50),
0:LINE-(289,53),0:LINE-(294,59),0:LINE-(295,63),0:LINE-(294,68),0:LINE-(292,73),
0
420 LINE-(290,77),0:LINE-(283,87),0:LINE-(273,94),0:LINE-(265,96),0:LINE-(261,96
),0:LINE-(250,93),0:LINE-(240,87),0:LINE-(236,82),0:LINE-(236,78),0:LINE-(237,74
),0:LINE-(240,69),0:LINE-(244,62),0:LINE-(253,56),0:LINE-(262,53),0:LINE-(268,52
),0
430 LINE-(276,51),0:LINE-(281,52),0:LINE-(287,56),0:LINE-(290,60),0:LINE-(292,66
),0:LINE-(292,70),0:POINT(254,55):LINE-(259,50),0:LINE-(262,49),0:LINE-(267,47),
0:LINE-(271,46),0:LINE-(275,46),0:LINE-(280,46),0:LINE-(283,47),0:LINE-(288,49),
0
440 LINE-(293,52),0:POINT(253,56):LINE-(243,54),0:LINE-(242,53),0:LINE-(241,52),
0:POINT(257,52):LINE-(251,51),0:LINE-(247,47),0:LINE-(245,45),0:POINT(267,49):LI
NE-(254,44),0:LINE-(252,42),0:LINE-(252,41),0:POINT(274,49):LINE-(264,42),0:LINE
-(262,40),0
450 LINE-(261,37),0:POINT(256,95):LINE-(266,91),0:LINE-(273,85),0:LINE-(276,80),
0:LINE-(277,74),0:LINE-(274,67),0:LINE-(270,65),0:LINE-(267,65),0:LINE-(257,71),
0:LINE-(252,77),0:LINE-(249,82),0:LINE-(247,87),0:LINE-(249,92),0:POINT(256,89)
460 LINE-(265,87),0:LINE-(268,84),0:LINE-(269,79),0:LINE-(267,75),0:LINE-(265,75
),0:LINE-(260,77),0:LINE-(256,81),0:LINE-(253,86),0:LINE-(256,89),0:POINT(369,96
):LINE-(382,92),0:LINE-(403,89),0:LINE-(418,89),0:LINE-(427,90),0:LINE-(439,92),
0
470 LINE-(447,95),0:LINE-(453,99),0:LINE-(457,103),0:LINE-(457,106),0:LINE-(457,
111),0:LINE-(455,115),0:LINE-(447,123),0:LINE-(441,127),0:LINE-(429,132),0:LINE-
(420,134),0:LINE-(412,134),0:LINE-(393,133),0:LINE-(373,131),0:LINE-(360,128),0
480 LINE-(349,124),0:LINE-(344,121),0:LINE-(340,117),0:LINE-(340,115),0:LINE-(34
2,111),0:LINE-(354,101),0:LINE-(369,96),0:LINE-(385,93),0:LINE-(396,92),0:LINE-(
407,91),0:LINE-(416,91),0:LINE-(428,93),0:LINE-(437,95),0:LINE-(442,97),0:LINE-(
448,100),0

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490 LINE-(453,104),0:LINE-(457,109),0:LINE-(459,102),0:LINE-(455,97),0:LINE-(449,91),0:LINE-(443,89),0:LINE-(433,87),0:LINE-(418,86),0:LINE-(401,87),0:LINE-(387,89),0:LINE-(375,92),0:LINE-(369,94),0:POINT(457,112):LINE-(461,115),0:LINE-(470,117),0
 500 LINE-(472,117),0:POINT(458,106):LINE-(466,110),0:LINE-(474,112),0:LINE-(479,112),0:POINT(459,102):LINE-(471,103),0:LINE-(479,103),0:LINE-(482,102),0:POINT(449,96):LINE-(466,96),0:LINE-(475,95),0:LINE-(478,94),0:POINT(367,129):LINE-(361,126),0
 510 LINE-(358,122),0:LINE-(358,119),0:LINE-(361,112),0:LINE-(371,105),0:LINE-(390,100),0:LINE-(403,99),0:LINE-(407,100),0:LINE-(412,104),0:LINE-(412,113),0:LINE-(407,121),0:LINE-(397,128),0:LINE-(391,130),0:LINE-(385,132),0:LINE-(380,132),0
 520 POINT(371,125):LINE-(369,123),0:LINE-(367,118),0:LINE-(368,115),0:LINE-(373,110),0:LINE-(378,108),0:LINE-(387,106),0:LINE-(394,105),0:LINE-(400,108),0:LINE-(400,114),0:LINE-(395,120),0:LINE-(388,124),0:LINE-(381,126),0:LINE-(376,126),0
 530 LINE-(371,125),0:POINT(378,120):LINE-(376,118),0:LINE-(377,115),0:LINE-(385,112),0:LINE-(388,112),0:LINE-(389,114),0:LINE-(386,118),0:LINE-(384,120),0:LINE-(381,121),0:LINE-(378,120),0:POINT(259,82):LINE-(260,81),0:LINE-(262,79),0:LINE-(263,81),0
 540 LINE-(263,83),0:LINE-(259,85),0:LINE-(259,82),0:LINE-(260,80),0:POINT(287,103):LINE-(283,105),0:LINE-(277,106),0:LINE-(272,106),0:LINE-(266,105),0:LINE-(260,107),0:LINE-(259,112),0:LINE-(259,118),0:LINE-(257,120),0:POINT(251,129):LINE-(258,135),0
 550 LINE-(259,140),0:LINE-(256,143),0:LINE-(249,145),0:LINE-(243,144),0:LINE-(238,142),0:LINE-(241,136),0:LINE-(242,133),0:LINE-(242,131),0:LINE-(243,130),0:LINE-(244,129),0:LINE-(247,128),0:LINE-(251,129),0:POINT(239,142):LINE-(245,138),0
 560 LINE-(249,137),0:LINE-(253,137),0:LINE-(258,137),0:POINT(232,161):LINE-(223,166),0:POINT(231,161):LINE-(218,162),0:LINE-(181,163),0:LINE-(157,160),0:LINE-(146,160),0:LINE-(107,149),0:LINE-(97,147),0:LINE-(83,147),0:LINE-(69,148),0:LINE-(58,148),0
 570 LINE-(24,147),0:LINE-(10,150),0:POINT(177,163):LINE-(163,170),0:POINT(142,170):LINE-(161,161),0:POINT(219,10):LINE-(214,23),0:LINE-(216,30),0:LINE-(224,38),0:LINE-(226,39),0:LINE-(229,31),0:LINE-(236,24),0:LINE-(244,18),0:LINE-(252,14),0
 580 LINE-(258,11),0:LINE-(263,10),0:POINT(428,10):LINE-(449,12),0:LINE-(490,17),0:LINE-(507,25),0:LINE-(514,30),0:LINE-(523,35),0:LINE-(533,38),0:LINE-(540,39),0:LINE-(549,40),0:LINE-(588,42),0:LINE-(598,42),0:LINE-(630,42),0:POINT(525,110)
 590 LINE-(525,97),0:LINE-(520,88),0:LINE-(515,80),0:LINE-(505,70),0:LINE-(497,64),0:LINE-(511,70),0:LINE-(517,76),0:LINE-(520,79),0:LINE-(513,67),0:LINE-(511,65),0:LINE-(542,68),0:LINE-(580,68),0:LINE-(630,55),0:POINT(630,75):LINE-(525,110),0
 600 POINT(503,138):LINE-(506,135),0:LINE-(511,132),0:LINE-(521,129),0:LINE-(528,128),0:LINE-(541,127),0:LINE-(554,126),0:LINE-(561,126),0:LINE-(565,127),0:LINE-(568,129),0:LINE-(568,131),0:LINE-(566,133),0:LINE-(558,138),0:LINE-(549,144),0
 610 LINE-(536,154),0:LINE-(527,162),0:POINT(512,152):LINE-(519,148),0:LINE-(526,141),0:LINE-(524,140),0:LINE-(521,140),0:POINT(507,145):LINE-(520,140),0:LINE-(533,134),0:LINE-(544,133),0:LINE-(546,136),0:POINT(583,170):LINE-(580,145),0
 620 LINE-(589,123),0:LINE-(599,110),0:LINE-(606,103),0:LINE-(615,94),0:LINE-(622,89),0:LINE-(630,85),0:POINT(478,170):LINE-(474,163),0:LINE-(474,157),0:LINE-(475,152),0:LINE-(481,138),0:LINE-(488,127),0:LINE-(493,116),0:LINE-(492,137),0
 630 LINE-(496,152),0:LINE-(505,159),0:LINE-(521,170),0:POINT(214,151):LINE-(203,145),0:LINE-(194,139),0:LINE-(185,130),0:LINE-(178,120),0:LINE-(177,112),0:LINE-(182,106),0:LINE-(190,98),0:LINE-(191,97),0:POINT(293,51):LINE-(295,59),0:POINT(546,10)
 640 LINE-(577,21),0:LINE-(601,23),0:LINE-(630,22),0:POINT(379,21):LINE-(348,18),0:LINE-(341,20),0:LINE-(326,29),0:LINE-(317,37),0:LINE-(315,43),0:LINE-(306,37),0:LINE-(300,31),0:POINT(284,24):LINE-(279,29),0:LINE-(274,37),0:LINE-(274,41),0
 650 LINE-(269,36),0:LINE-(267,28),0:POINT(254,31):LINE-(239,34),0:POINT(449,45):LINE-(455,52),0:LINE-(455,58),0:LINE-(450,63),0:LINE-(442,66),0:LINE-(435,67),0:POINT(406,64):LINE-(400,67),0:LINE-(391,73),0:LINE-(383,81),0:LINE-(378,88),0
 660 LINE-(376,93),0:POINT(382,132):LINE-(390,137),0:LINE-(391,140),0:LINE-(389,143),0:LINE-(379,148),0:LINE-(362,154),0:LINE-(331,159),0:LINE-(289,161),0:LINE-(261,163),0:POINT(224,165):LINE-(232,165),0:LINE-(240,169),0:LINE-(241,170),0:POINT(505,141)
 670 LINE-(514,137),0:LINE-(521,134),0:LINE-(526,132),0:LINE-(533,131),0:LINE-(545,131),0:LINE-(553,130),0:LINE-(561,126),0:POINT(212,76):LINE-(212,70),0:LINE-(216,64),0:LINE-(222,60),0:POINT(236,83):LINE-(232,82),0:POINT(237,85):LINE-(233,85),0
 680 POINT(240,87):LINE-(236,88),0:POINT(420,134):LINE-(422,137),0:POINT(415,134):LINE-(417,137),0:POINT(264,63),TILE\$(21),0:POINT(444,113),TILE\$(21),0:POINT(384,115),TILE\$(21),0:POINT(262,82),TILE\$(21),0:POINT(262,72),TILE\$(18),0

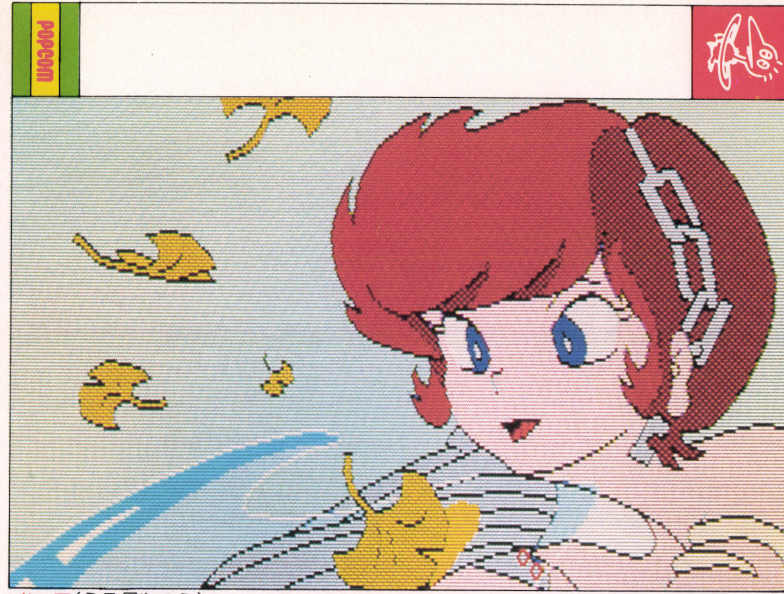
```

690 PAINT(410,112),TILE$(18),0:POINT(233,150):LINE-(240,152),0:POINT(259,112):LI
NE-(273,115),0:LINE-(275,118),0:LINE-(273,121),0:LINE-(263,122),0:LINE-(259,120)
,0:PAINT(253,140),TILE$(19),0:PAINT(249,131),TILE$(1),0:PAINT(189,169),TILE$(2),
0
700 PAINT(99,169),TILE$(2),0:PAINT(279,169),TILE$(16),0:PAINT(429,149),TILE$(16)
,0:PAINT(429,79),TILE$(16),0:PAINT(459,60),TILE$(16),0:PAINT(429,89),TILE$(15),0
:PAINT(279,48),TILE$(15),0:PAINT(333,21),TILE$(16),0:LINE-(333,21),0
710 PAINT(311,38),TILE$(16),0:PAINT(271,30),TILE$(16),0:PAINT(273,34),TILE$(16),
0:PAINT(251,30),TILE$(16),0:PAINT(284,28),TILE$(2),0:PAINT(262,118),TILE$(16),0:
PAINT(216,68),TILE$(16),0:PAINT(546,138),TILE$(16),0:PAINT(516,146),TILE$(16),0
720 PAINT(516,133),TILE$(2),0:PAINT(216,60),TILE$(2),0:PAINT(336,60),TILE$(2),0:
PAINT(186,108),TILE$(3),0:PAINT(186,30),TILE$(3),0:PAINT(247,25),TILE$(3),0:PAI
NT(296,25),TILE$(3),0:PAINT(416,25),TILE$(3),0:PAINT(596,20),TILE$(3),0
730 PAINT(476,140),TILE$(3),0:PAINT(624,140),0,0:PAINT(504,168),0,0:PAINT(564,78
),0,0:PAINT(564,38),0,0:PAINT(234,18),0,0:PAINT(182,118),0,0:PAINT(392,118),0,0:
PAINT(266,78),0,0
740 PAINT(446,98),0,0:PAINT(291,58),0,0:PAINT(270,50),0,0:PAINT(150,50),0,0
750 POINT(283,87):LINE-(273,94),7:POINT(240,87):LINE-(236,82),7:LINE-(236,78),7:
LINE-(237,74),7:LINE-(240,69),7:LINE-(244,62),7:LINE-(253,56),7:LINE-(262,53),7:
LINE-(268,52),7
760 POINT(453,99):LINE-(457,103),7:LINE-(457,106),7:LINE-(457,111),7:LINE-(455,1
15),7:LINE-(447,123),7:LINE-(441,127),7:LINE-(429,132),7:POINT(360,128)
770 LINE-(349,124),7:LINE-(344,121),7:LINE-(340,117),7:LINE-(340,115),7:LINE-(34
2,111),7:LINE-(354,101),7:LINE-(369,96),7
780 POINT(449,45):LINE-(455,52),7:LINE-(455,58),7:LINE-(450,63),7:LINE-(442,66),
7:LINE-(435,67),7:POINT(406,64):LINE-(400,67),7:LINE-(391,73),7:LINE-(383,81),7:
LINE-(378,88),7
790 LINE-(376,93),7:POINT(382,132):LINE-(390,137),7:LINE-(391,140),7:LINE-(389,1
43),7:LINE-(379,148),7:LINE-(362,154),7:LINE-(331,159),7:LINE-(289,161),7:LINE-(
261,163),7:POINT(224,165):LINE-(232,165),7:LINE-(240,169),7:LINE-(241,170),7:POI
NT(505,141)
800 LINE-(514,137),7:LINE-(521,134),7:LINE-(526,132),7:LINE-(533,131),7:LINE-(54
5,131),7:LINE-(553,130),7:LINE-(561,126),7:POINT(212,76):LINE-(212,70),7:LINE-(2
16,64),7:LINE-(222,60),7:POINT(236,83):LINE-(232,82),7:POINT(237,85):LINE-(233,
85),7
810 POINT(379,21):LINE-(348,18),7:LINE-(341,20),7:LINE-(326,29),7:LINE-(317,37),
7:LINE-(315,43),7:LINE-(306,37),7:LINE-(300,31),7:POINT(284,24):LINE-(279,29),7:
LINE-(274,37),7:LINE-(274,41),7
820 LINE-(269,36),7:LINE-(267,28),7:POINT(254,31):LINE-(239,34),7:POINT(449,45):
LINE-(455,52),7:LINE-(455,58),7:LINE-(450,63),7:LINE-(442,66),7:LINE-(435,67),7:
POINT(406,64):LINE-(400,67),7:LINE-(391,73),7:LINE-(383,81),7:LINE-(378,88),7
830 LINE-(376,93),7:POINT(382,132):LINE-(390,137),7:LINE-(391,140),7:LINE-(389,1
43),7:LINE-(379,148),7:LINE-(362,154),7:LINE-(331,159),7:LINE-(289,161),7:LINE-(
261,163),7:POINT(224,165):LINE-(232,165),7:LINE-(240,169),7:LINE-(241,170),7
840 POINT(259,112):LINE-(273,115),7:LINE-(275,118),7:LINE-(273,121),7:LINE-(263,
122),7:LINE-(259,120),7:END
850 / ++++++
860 /
870 / Popcom ノ ミナサン !!! ハジメマシテ !! ホクハ「ワタハ」カンタ ト モウシマス 。
880 /
890 / コノ Computer Graphic ハ ホクカ PC-8801 MK2 MODEL 30 ラ カッタ キネ
900 /
910 / ニ ツクツタ モノデス。 Graphic tool カ アマリ ヨクナカッタノデ、 PROGRAM ハ トチモ
920 /
930 / ヒトイモノデスカ コレカラマイツキ Computer Graphic ラトウコウスルツモリナノデ トウソ
940 /
950 / ヨロシク !!! 1984年 4月 24日 (Wed) ワタハ カンタ
960 /
970 / Popcomノ スタッフ サマ ハ .....
980 /
990 / ++++++

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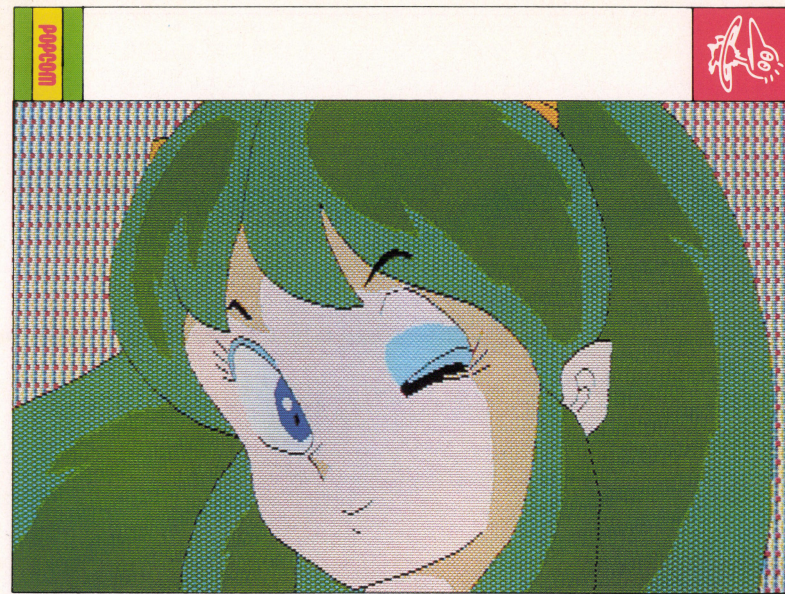
POP COM
プログラム
マガジン

CGカセット
レーベル



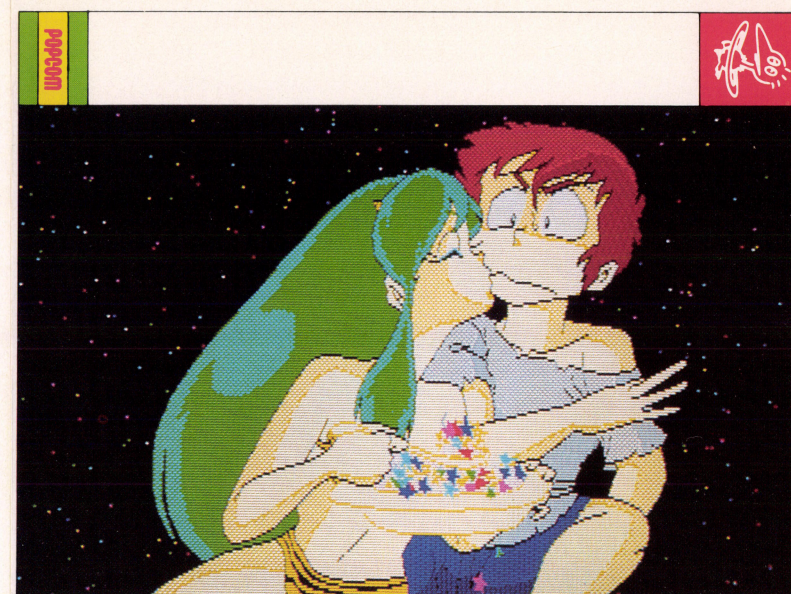
井 天(うる星やつら)

文岡 朗



ウインクラム(うる星やつら)

長山 裕



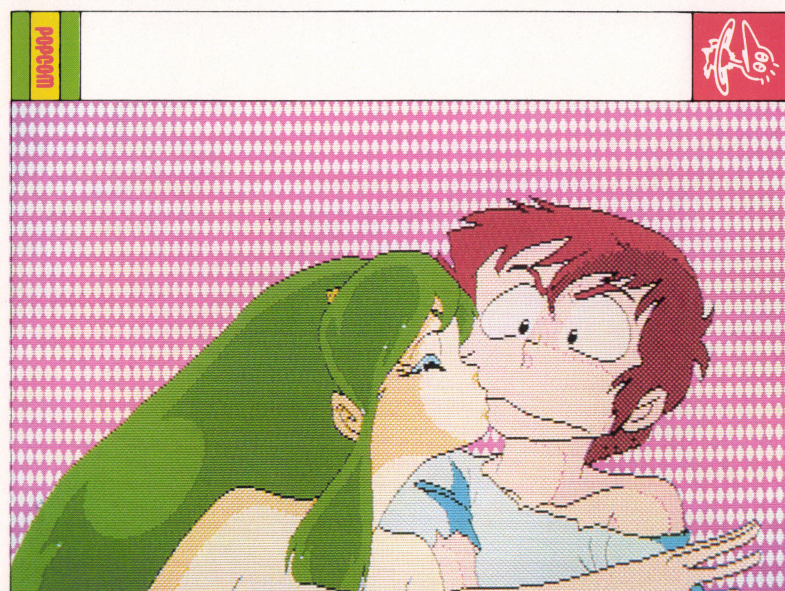
ラムとあたる(うる星やつら)

長山 裕



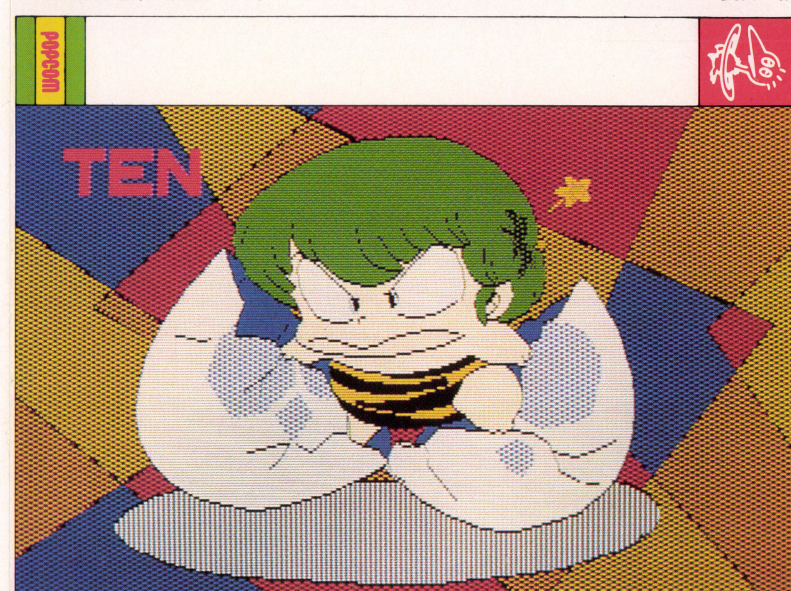
ラム(うる星やつら)

大野純司



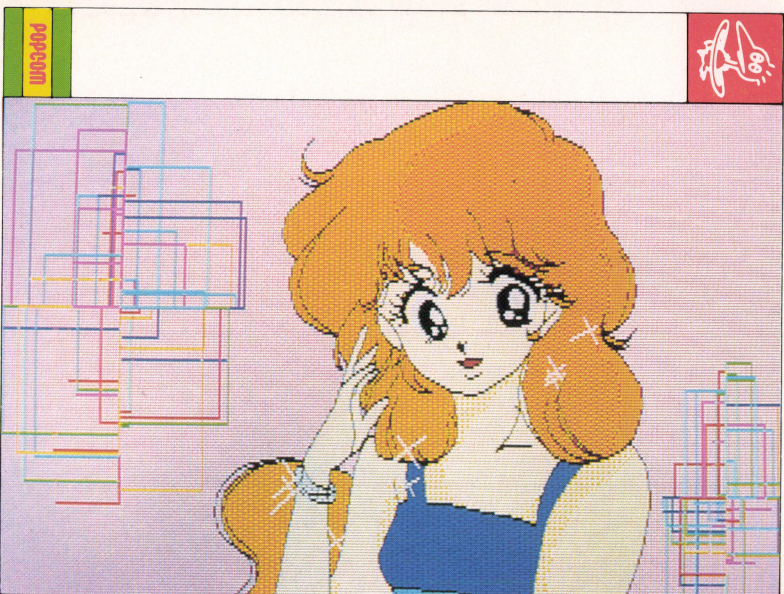
ロツけ(うる星やつら)

木戸正泰



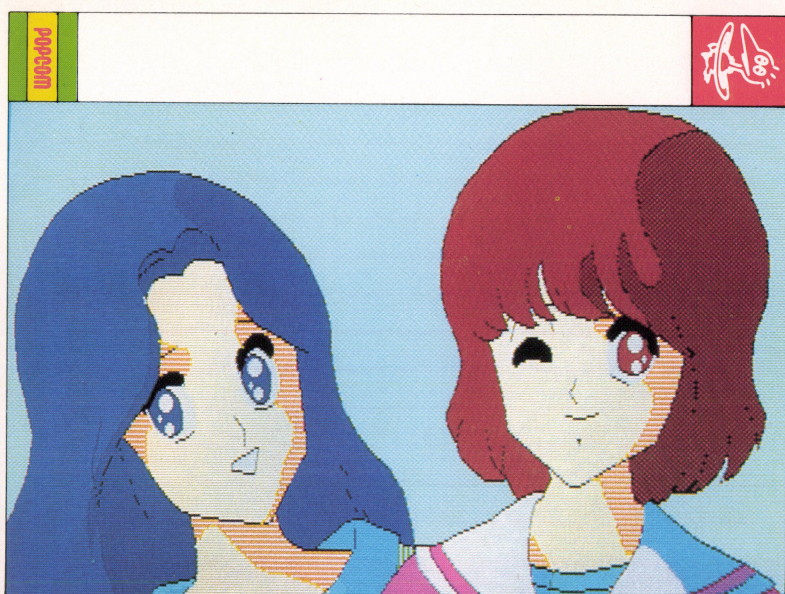
テン(うる星やつら)

小河俊之



MIKI(プリサードプリンセス)

小河俊之



みゆき

村井忠雄



ガンバルガンモ(Gu-Guガンモ)

渥美政彦



POPCOM

POPCOM



POPCOM

POPCOM

別冊

POPCOM

POPCOM



B

A

PROGRAM TAPE COUNTER

POPCOM



B

A

PROGRAM TAPE COUNTER

POPCOM



B

A

PROGRAM TAPE COUNTER

POPCOM



B

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PROGRAM TAPE COUNTER

POPCOM



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PROGRAM TAPE COUNTER

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B

A

PROGRAM TAPE COUNTER

POPCOM



B

A

PROGRAM TAPE COUNTER

POPCOM



B

A

PROGRAM TAPE COUNTER

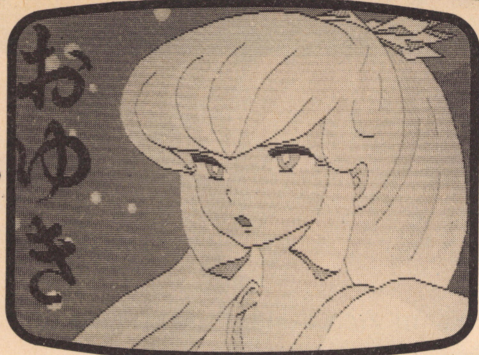
POPCOM



B

A

PROGRAM TAPE COUNTER



うる星やつら おユキ

PC—8801/mk II

文岡 朗

おユキの背景が赤と青で交互に変化!!

おユキの背景が赤と青で交互に変化します。赤のときは、冬の暖房のきいた部屋の感じが出るし、青にすると、いかにも雪の寒さが感じられます。

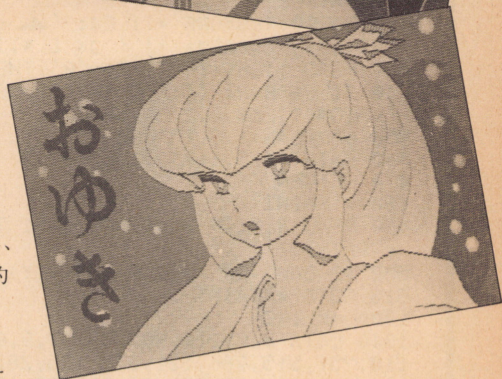
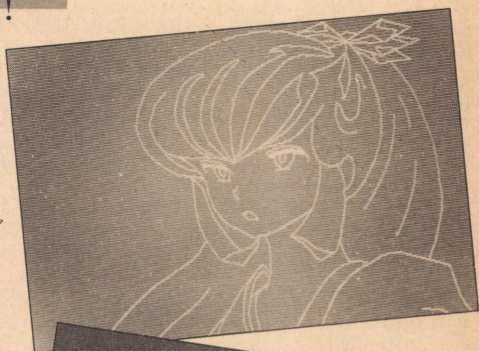
プログラムのには、PC—8801はPAINT命令で境界色が1色しか指定できないため、プリンターに打ち出すことに重点をおいて、プリンターでは境にみだれがないように作ってあります。これは、領域色の中に境界色を格子状に入れることによって解決しました。しかし、これによって、むやみにペイント色を変更できません（領域色も2色混合まで）。

また、この作品はモニターの違いに

より色がおかしいときのために、ペイント・データを4種類作ってあります。もし色合いがおかしいときは、420行の「※TILE 4」を「※TILE 1」または「※TILE 3」に変えてください。なお、「※TILE 1」と「※TILE 4」のときは、カラープリンターでコピーすると色と色との境界線がなくなり、キレイにコピーできます。

他の工夫点としては、背景の雪を乱数で入力しているところでしょう。

絵に關しての編集部意見としては、メインのおユキを中間色でまとめているのに対して、背景に濃い原色を使っているのは、前後のメリハリが出てよいのですが、おユキのインパクトが弱くなってしまったのが残念です。おユキのほうも、もう少し、濃い色と中間色を併用すると、メリハリが出て、中間色もキレイに見えたでしょう。しかし、全体的にはプログラムのにも絵的にも洗練されています。ですが、細かいところをいってしまうと、DATAがとても見づらい。何行にも続けてしまわないで、1行ずつキレイにまとめるのがいいでしょう。

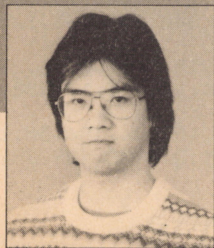


▲中間色の多用により、おユキらしさが出ています。しかし、もう少し構図に工夫を加えると、もっとよい作品になったと思います。

もっとよい作品を作れるようガンバってください。

作者のプロフィール

マイコン歴4年…といっても最初の1年はゲーム専門（もちろん遊ぶ方）。その後FORTRANやPASCALをかじり、現在は主にマシン語でユーティリティ・プログラムを作ってます。BASICではできないことをやってのけるマシン語のすばらしさを再認識している今日このごろ。と19才の文岡さん。



うる星やつら おユキ プログラムリスト

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10 '*****
20 '
30 '   CCC   OYUKI   JJJ
40 '
50 '               P-1984/03,23
60 '   ▲      by A.Fumioka
70 '
80 '*****
90 WINDOW(0,0)-(639,199):VIEW(0,0)-(639,199)
100 CONSOLE ,,0,1:WIDTH 80,20:SCREEN 0:FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,2
:CLS 3:DIM TILE$(19)
110 RESTORE *MLINE:C=7:GOSUB *DLINE
120 RESTORE *SLINE:C=7:GOSUB *DLINE
130 RESTORE *ELINE:C=7:GOSUB *DLINE
140 RESTORE *SSLINE:C=7:GOSUB *DLINE
150 GOSUB *MTILE
160 D=7:RESTORE *APPOINT:GOSUB *TPAINT
170 RESTORE *SLINE:C=2:GOSUB *DLINE
180 D=7:RESTORE *BPAINT:GOSUB *TPAINT
190 RESTORE *MLINE:C=0:GOSUB *DLINE
200 RESTORE *WLINE:C=7:GOSUB *DLINE
210 RESTORE *BLINE:C=0:GOSUB *DLINE
220 RESTORE *GLINE:C=4:GOSUB *DLINE
230 PAINT(0,0),1,0
240 RESTORE *SNOW:GOSUB *RCIRCLE
250 RESTORE *CLINE:C=0:GOSUB *DLINE
260 D=0:RESTORE *CPAINT:GOSUB *TPAINT
270 FRG=0
280 IF FRG=0 THEN COLOR=(1,1):FRG=1 ELSE COLOR=(1,2):FRG=0
290 FOR I=0 TO 3000:NEXT I:GOTO 280
300 END
310 *DLINE
320 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN
330 IF X=0 AND Y=0 THEN READ X,Y:POINT(X,Y):GOTO *DLINE
340 LINE-(X,Y),C:GOTO *DLINE
350 *RCIRCLE
360 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=999 AND Y=999 THEN 390
370 R=INT(RND*7)+3:CIRCLE (X,Y),R,5:PAINT(X,Y),5,5:PAINT(X,Y),TILE$(11),1:CIRCLE
(X-1,Y-1),R/2,5:PAINT(X-1,Y-1),5,5:PAINT(X-1,Y-1),7,1
380 GOTO *RCIRCLE
390 READ X,Y:R=INT(RND*7)+3:CIRCLE(X,Y),R,5:PAINT(X,Y),5,5:PAINT(X,Y),TILE$(9),1
:CIRCLE(X-1,Y-1),R/2,5:PAINT(X-1,Y-1),5,5:PAINT(X-1,Y-1),7,0
400 GOTO *RCIRCLE
410 *MTILE
420 BAN=0:RESTORE *TILE4: '▲ イ カ" オカイト#A '*TILE4'ヲ '*TILE3, マ#A '*TILE2, マ#A
'*TILE1'ニ カ#コト !! ( ヨ [ *TILE1 ] ..... [ *TILE4 ] ヲス )
430 READ TILE$:IF TILE$="0" THEN 460
440 TILE$(BAN)="":FOR I=1 TO LEN(TILE$) STEP 2:TILE$(BAN)=TILE$(BAN)+CHR$(VAL("&
h"+MID$(TILE$,I,2))):NEXT I
450 BAN=BAN+1:GOTO 430
460 PAINT(575,117),TILE$(6),7
470 RETURN
480 *TPAINT
490 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=0 AND Y=0 THEN READ BAN:GOTO
*TPAINT
500 IF BAN>=20 THEN PAINT(X,Y),BAN-20,D ELSE PAINT(X,Y),TILE$(BAN),D
510 GOTO *TPAINT
1000 *MLINE
1010 DATA 0,0,219,80,235,87,0,0,219,81,235,87,243,92,248,97,250,100,250,104,253,
110,257,115,266,121,273,125,285,128,297,132,303,134,320,133,340,130,363,125,383,
120,0,0,246,95,232,93,215,92,197,86
1020 DATA 181,79,172,72,166,64,165,59,170,49,178,40,187,33,215,23,244,16,278,10,
307,7,335,6,365,7,393,12,408,15,419,19,425,23,429,26,0,0,394,12,416,12,430,14,44
9,19,462,28,472,40,479,54,482,66,480,78,475,86
1030 DATA 467,95,454,105,440,113,433,115,426,116,0,0,206,39,192,46,186,53,182,59
,185,64,189,70,198,76,209,79,219,81,240,82,267,83,0,0,258,31,248,33,239,38,231,4
4,228,51,228,56,231,62,237,70,242,74

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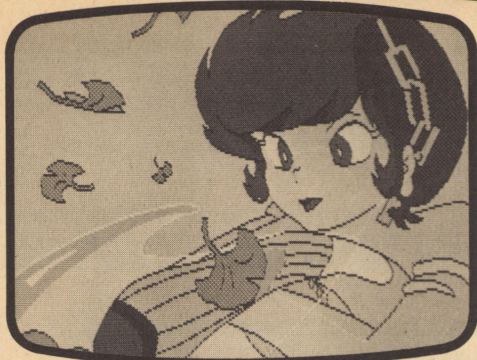
1040 DATA 254,79,267,83,278,85,288,87,316,81,334,76,346,72,358,66,370,60,381,54,
 0,0,305,24,297,27,284,33,273,42,268,46,264,55,263,59,265,63,268,70,275,77,279,81
 ,287,87,298,79,301,73,307,65,315,56
 1050 DATA 320,50,330,43,340,38,352,33,363,29,0,0,319,80,342,79,360,77,373,74,385
 ,69,395,65,407,59,410,57,0,0,395,65,393,71,391,77,391,82,393,86,396,90,400,92,40
 6,94,414,95,425,94,429,91,436,90,440,91,441,96
 1060 DATA 440,101,436,106,428,110,425,111,0,0,420,94,424,98,426,103,427,108,425,
 111,426,116,424,123,420,130,416,138,411,144,407,147,398,149,389,151,382,150,377,
 146,371,142,364,139,352,135,364,131
 1070 DATA 371,127,383,120,388,115,394,107,397,101,398,95,398,91,0,0,352,135,366,
 137,372,139,381,143,392,146,404,147,407,147,0,0,427,57,425,61,424,65,427,71,432,
 75,439,76,447,76,449,75,0,0,455,43,457,47,457,51
 1080 DATA 457,55,456,59,454,62,0,0,444,27,442,32,438,37,434,41,0,0,229,93,232,96
 ,232,101,232,112,233,117,235,124,240,131,247,137,254,143,260,146,271,143,286,141
 ,296,140,304,138,311,134,308,139,302,142
 1090 DATA 295,146,286,150,273,148,260,146,0,0,383,10,420,4,447,18,494,6,530,13,4
 96,21,451,20,0,0,453,22,491,30,514,26,540,22,510,18,0,0,507,27,527,34,504,34,487
 ,35,471,29,458,25,0,0,391,9,424,10
 1100 DATA 419,4,0,0,495,6,488,11,513,14,501,20,0,0,495,21,481,16,449,19,0,0,504,
 19,527,24,0,0,512,26,484,24,491,30,0,0,478,27,484,34,0,0,439,14,448,12,462,14,0,
 0,501,34,513,43,524,53,531,63,537,74
 1110 DATA 543,84,546,97,547,109,548,118,547,127,542,135,535,146,527,154,524,157,
 0,0,519,97,517,106,513,113,509,119,501,128,493,136,486,141,0,0,449,123,461,116,4
 70,109,481,100,487,93,494,82,497,75
 1120 DATA 498,67,0,0,507,56,512,63,515,67,516,72,517,76,0,0,318,133,323,139,323,
 147,322,155,318,161,313,166,0,0,414,140,417,147,423,153,426,154,0,0,242,133,231,
 140,221,144,195,151,168,158,143,167
 1130 DATA 114,179,104,185,94,191,82,200,0,0,240,162,228,168,212,174,189,181,170,
 188,153,195,144,201,0,0,218,201,226,196,231,192,240,187,259,179,0,0,238,200,241,
 195,247,188,253,183,259,179,269,173
 1140 DATA 278,167,295,158,307,152,311,151,316,152,321,156,0,0,319,159,314,155,30
 9,155,300,160,294,167,290,175,287,180,289,188,292,194,296,201,0,0,290,201,285,19
 4,282,189,280,184,282,175,287,165,298,157
 1150 DATA 0,0,316,163,292,170,0,0,303,167,298,172,297,180,299,187,303,196,307,20
 1,0,0,335,200,345,193,358,184,364,180,375,173,392,163,409,157,418,155,426,154,43
 0,154,438,154,449,156,0,0,368,201,378,193
 1160 DATA 390,183,399,175,406,170,424,162,438,158,449,156,465,152,478,151,489,15
 1,505,154,524,157,540,160,550,162,553,169,557,176,560,181,564,185,569,189,575,19
 3,583,197,588,201,0,0,564,195,548,192,531,188
 1170 DATA 511,187,0,0,473,193,466,198,459,202,0,0,333,85,341,83,361,82,379,84,38
 5,88,383,91,0,0,385,88,380,86,371,85,361,84,349,84,342,85,336,86,333,85,340,85,3
 39,84,348,84,348,83,366,83,363,84,375,84
 1180 DATA 374,85,380,85,0,0,378,84,376,82,362,80,353,80,341,81,331,83,0,0,341,85
 ,341,88,342,90,345,92,350,94,356,93,360,91,364,89,366,87,367,85,0,0,358,94,343,9
 4,0,0,348,85,347,87,347,88,348,89,350,90
 1190 DATA 353,89,355,88,355,86,355,84,0,0,284,94,282,92,277,90,269,88,258,87,246
 ,86,248,89,251,91,0,0,247,88,265,88,0,0,258,88,279,91,0,0,272,89,265,89,253,87,2
 47,87,0,0,244,84,251,84,260,85,268,86,274,88
 1200 DATA 278,90,0,0,260,88,261,91,263,93,265,95,269,97,277,98,280,96,280,91,0,0
 ,267,89,268,93,270,94,273,95,274,94,276,92,275,91,0,0,264,97,276,98,281,98,0,0,2
 89,102,287,104,284,104,284,107,288,109
 1210 DATA 288,111,0,0,292,119,300,118,306,119,309,121,312,123,301,123,297,121,29
 3,119,-1,-1
 1220 *SLINE
 1230 DATA 0,0,231,94,238,97,243,101,245,104,247,108,250,113,255,120,260,124,268,
 130,275,136,284,140,0,0,238,90,229,89,215,85,206,81,200,78,0,0,257,30,251,30,243
 ,31,234,34,229,36,222,42,218,48,216,54
 1240 DATA 218,61,225,67,234,74,246,79,257,82,0,0,278,84,272,81,264,77,257,73,252
 ,67,249,60,250,53,256,44,267,36,282,28,297,24,301,23,305,23,0,0,288,85,287,76,28
 7,63,290,57,295,48,303,40,316,34,332,29
 1250 DATA 346,26,362,23,368,23,361,20,355,20,347,20,353,18,364,17,386,18,403,20,
 414,22,426,25,0,0,429,27,422,27,414,26,398,25,390,24,380,25,371,26,363,28,0,0,29
 3,84,301,81,309,77,319,70,332,61,344,53
 1260 DATA 355,47,371,41,387,36,382,41,379,45,379,48,381,53,0,0,333,77,336,77,348
 ,74,362,70,376,64,386,58,402,47,405,44,404,40,400,37,396,36,412,35,428,32,437,29
 ,444,26,446,23,446,19,436,18,425,17
 1270 DATA 416,17,0,0,424,21,429,21,433,20,441,20,0,0,445,26,447,29,448,37,447,43
 ,442,50,437,55,436,48,433,42,433,41,0,0,428,57,431,58,433,61,434,64,437,67,442,6
 8,448,67,453,65,454,63,0,0,455,42,457,40

1280 DATA 460,42,462,44,464,49,465,57,465,63,463,68,457,73,450,75,0,0,410,56,412
 ,55,415,54,418,54,419,56,417,59,412,62,408,68,405,74,406,80,409,86,414,89,421,90
 ,429,90,0,0,410,96,411,101,410,109,405,117
 1290 DATA 400,125,394,131,383,139,379,141,0,0,417,144,424,139,432,133,440,128,44
 8,123,0,0,498,66,496,61,493,56,485,50,496,54,501,54,502,52,500,48,495,43,490,38,
 487,36,0,0,506,56,507,63,506,76,505,81
 1300 DATA 503,84,512,80,517,77,0,0,518,97,513,99,499,108,488,116,474,128,468,134
 ,466,136,465,140,463,144,462,145,471,145,479,144,485,141,0,0,537,92,539,100,538,
 117,536,126,532,133,523,139,507,144,519,136
 1310 DATA 525,129,532,115,536,94,0,0,256,20,273,16,290,13,313,12,331,11,318,15,3
 07,19,276,20,247,24,255,20,0,0,249,140,246,145,239,150,226,157,212,162,184,171,1
 57,182,142,191,132,202,0,0,191,200,197,197
 1320 DATA 210,189,224,182,240,175,260,167,273,161,284,155,290,149,0,0,264,148,26
 0,151,254,156,240,161,0,0,445,158,455,158,468,160,483,164,499,169,511,175,522,18
 2,527,185,532,187,0,0,564,195,571,196,577,197
 1330 DATA 583,198,0,0,521,189,531,192,539,197,545,200,0,0,510,187,499,186,488,18
 7,481,189,473,192,0,0,475,200,481,195,493,188
 1340 *KLINE
 1350 DATA 0,0,238,88,247,89,0,0,281,91,293,92,306,91,324,92,335,94,340,96,348,98
 ,355,102
 1360 DATA 358,105,360,109,360,113,358,115,352,122,344,127,339,129,0,0,324,142,33
 0,144,337,144,346,143,353,142,357,143,363,146,371,150,374,152,372,155,367,161,36
 6,169,366,174,367,177,0,0,310,166,307,170
 1370 DATA 305,176,305,180,306,189,310,196,312,200,0,0,290,102,292,104,294,105,30
 1,107,302,109,298,111,288,112,-1,-1
 1380 *ELINE
 1390 DATA 0,0,251,92,258,95,263,97,0,0,282,98,285,97,285,94,0,0,335,87,336,89,33
 5,91,336,93,338,94,342,94,0,0,359,94,373,93,383,92,-1,-1
 1400 *SSLINE
 1410 DATA 0,0,512,41,518,41,528,43,558,35,594,41,576,46,607,51,574,55,600,64,570
 ,64,576,67,585,76,592,85,598,92,603,107,605,123,607,138,606,150,601,161,594,172,
 581,183,602,188,605,195,609,200,-1,-1
 1420 *BLINE
 1430 DATA 0,0,249,90,247,91,243,92,237,91,0,0,251,92,248,94,244,94,0,0,385,88,38
 8,89,391,89,397,87,0,0,384,90,388,91,392,91,398,90,0,0,424,99,427,97,433,95,0,0,
 428,97,432,99,432,101,426,104,0,0,304,126,310,126,-1,-1
 1440 *GLINE
 1450 DATA 0,0,376,83,373,83,372,82,366,82,365,81,348,81,0,0,351,82,339,82,339,83
 ,334,83,335,84,332,84,0,0,272,88,270,88,269,87,264,87,263,86,252,86,0,0,255,85,2
 45,85,-1,-1
 1460 *WLINE
 1470 DATA 0,0,203,28,225,34,0,0,195,31,214,35,0,0,189,33,202,36,0,0,184,36,193,3
 8,0,0,173,47,184,49,0,0,170,51,178,52,0,0,168,55,173,56,0,0,166,60,180,62,0,0,16
 8,65,176,66,0,0,172,71,189,75,0,0,178,76,187,78
 1480 DATA 0,0,262,14,271,16,0,0,253,15,263,18,0,0,242,17,261,22,0,0,204,41,215,4
 4,0,0,198,44,216,49,0,0,185,56,214,62,0,0,184,60,209,65,0,0,187,65,202,68,0,0,19
 2,71,214,75,0,0,240,38,250,39,0,0,236,41,247,43
 1490 DATA 0,0,232,44,251,47,0,0,229,54,247,58,0,0,231,59,245,61,0,0,232,62,247,6
 5,0,0,236,67,253,70,0,0,294,29,302,31,0,0,288,32,301,35,0,0,283,35,297,39,0,0,27
 9,38,299,43,0,0,274,42,295,46,0,0,264,57,287,61
 1500 DATA 0,0,266,62,283,65,0,0,269,69,285,72,0,0,273,74,283,76,0,0,375,14,385,1
 7,0,0,362,12,374,17,0,0,344,12,361,16,0,0,328,12,350,17,0,0,312,12,344,20,0,0,34
 4,37,353,39,0,0,338,40,348,42,0,0,334,42,348,45
 1510 DATA 0,0,328,45,358,52,0,0,317,55,344,60,0,0,313,59,335,63,0,0,310,63,324,6
 5,0,0,307,66,317,68,0,0,305,69,314,71,0,0,411,26,421,29,0,0,402,26,412,29,0,0,39
 3,25,406,30,0,0,382,26,401,32,0,0,421,17,433,21
 1520 DATA 0,0,433,18,439,20,0,0,443,31,450,34,0,0,441,34,452,39,0,0,439,37,451,4
 4,0,0,458,52,467,57,0,0,457,57,467,61,0,0,456,61,468,67,0,0,381,55,391,58,0,0,37
 5,58,389,62,0,0,364,64,376,68,0,0,358,67,368,70
 1530 DATA 0,0,352,70,361,72,0,0,403,62,420,68,0,0,399,64,412,69,0,0,395,69,407,7
 2,0,0,392,78,404,82,0,0,393,83,404,87,0,0,396,104,407,109,0,0,393,109,404,114,0,
 0,391,112,396,115,0,0,379,123,393,128,0,0,374,126
 1540 DATA 383,130,0,0,233,105,245,109,0,0,233,109,245,113,0,0,234,116,253,120,0,
 0,235,120,243,122,0,0,241,131,261,135,0,0,247,136,259,138,0,0,192,153,210,160,0,
 0,179,156,200,163,0,0,168,159,184,164,0,0,159,162,170,165
 1550 DATA 0,0,115,180,123,182,0,0,109,183,124,186,0,0,104,186,124,191,0,0,208,17
 6,217,178,0,0,201,178,211,181,0,0,193,181,208,185,0,0,182,185,203,190,0,0,259,15
 3,268,155,0,0,256,155,266,158,0,0,248,159,265,163

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1560 DATA 0,0,242,161,267,169,0,0,514,64,523,67,0,0,517,70,529,74,0,0,518,74,534
,80,0,0,490,90,500,94,0,0,486,95,498,100,0,0,483,99,496,105,0,0,478,103,493,110,
0,0,469,111,475,113,0,0,463,115,473,120,0,0,457,119
1570 DATA 473,127,0,0,452,122,476,135,0,0,515,111,521,113,0,0,513,114,521,117,0,
0,510,119,521,124,0,0,505,125,520,133,-1,-1
1580 *SNOW
1590 DATA 179,113,139,107,108,131,43,65,114,72,10,114,47,120,40,165,90,160,89,34
,112,27,136,48,42,8,166,2,212,5,459,5,571,15,623,5,629,33,612,79,634,69,622,111,
632,137,624,184,999,999,582,103,999,999,565,76,999,999,568,45,999,999,572,120
1600 DATA 999,999,562,143,999,999,579,155,-1,-1
1610 *TILE1
1620 DATA FFAAFFFF55FF,FFFAAFFFF55,8B00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,AAFFAA55FF55,55FFAAAAFF55,AA0000550000,AAAAFF5555FF,AAFFFF55FFFF,AAAAAA555
555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1630 *TILE2
1640 DATA FFAAFFFF55FF,FFFAAFFFF55,8B00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,CCFFCC33FF33,AAFFAA55FF55,AA0000550000,AAAAFF5555FF,AAFFFF55FFFF,AAAAAA555
555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1650 *TILE3
1660 DATA FFAAFFFF55FF,FFFAAFFFF55,8B00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,77FF77DDFFDD,CCFFCC33FF33,AA0000550000,AAAAFF5555FF,AAFFFF55FFFF,AAAAAA555
555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1670 *TILE4
1680 DATA FFAAFFFF55FF,FFFAAFFFF55,8B00BBEE00EE770077DD00DD,FFDDAAFFEE55FF77AAF
FBB55,AAFFBB55FF77AAFFEE55FFDD,AAFFAA55FF55,AA0000550000,AAAAFF5555FF,AAFFFF55FF
FF,AAAAAA555555,FF8888FF1111FF2222FF4444,FFAAAAFF5555,0
1690 *APAINT
1700 DATA 0,0,27,272,92,339,91,351,87,372,89,428,11,488,14,505,23,501,32,262,194
,452,177,510,195,256,91,282,96,0,0,4,327,107,341,168,0,0,22,302,121,0,0,10,415,8
,506,11,480,19,526,22,496,27,476,29,0,0,25,276,96,360,87
1710 DATA 0,0,9,308,161,0,0,1,456,84,228,42,266,42,294,16,316,42,361,54,427,19,4
12,125,288,135,223,85,448,14,511,90,0,0,7,293,182,384,177,0,0,2,286,145,388,148,
0,0,5,432,97,0,0,0,236,194,180,164,249,166
1720 DATA -1,-1
1730 *BPAINT
1740 DATA 0,0,5,238,85,293,108,301,180,377,107,389,157,0,0,0,328,20,391,44,417,1
5,441,42,442,72,399,82,386,125,246,123,0,0,3,511,73,494,122,531,125,484,43,0,0,8
,532,174,477,195,288,171,0,0,1,313,144,217,166,-1,-1
1750 *CLINE
1760 DATA 0,0,68,13,72,16,73,18,73,27,64,28,54,27,58,31,61,33,67,34,74,33,74,42,
69,44,60,46,53,45,49,48,50,51,54,53,62,52,68,53,72,57,74,58,78,59,81,57,81,46,92
,43,101,42,114,43,116,46,113,51,107,53
1770 DATA 102,53,97,51,95,47,96,45,90,50,90,53,93,56,99,58,110,58,118,55,124,51,
126,47,126,44,122,41,118,39,112,37,106,36,92,38,82,40,82,31,89,29,92,27,91,25,83
,26,83,23,84,22,87,19,86,16,81,13,75,12,68,13
1780 DATA 0,0,73,48,67,50,74,52,73,48,0,0,108,28,116,27,124,28,130,31,134,36,132
,38,128,37,123,37,119,38,124,35,126,35,124,33,120,31,116,30,108,28,0,0,46,75,47,
77,51,79,53,82,54,85,51,93,52,97,60,101,66,99
1790 DATA 66,93,68,91,71,87,78,83,78,88,82,94,88,98,92,100,88,104,84,107,73,109,
89,107,94,104,98,101,107,101,118,100,125,97,131,94,133,91,133,87,131,82,122,76,1
15,74,105,74,103,70,100,67,96,66,92,65,87,67
1800 DATA 82,72,82,76,80,78,74,81,68,86,62,94,59,91,60,88,61,84,61,82,59,79,56,7
7,51,75,46,75,0,0,82,76,87,72,90,71,93,72,94,75,87,76,82,77,0,0,80,83,81,87,83,8
9,88,94,92,96,94,96,96,93,97,86,96,79,90,80,82,82,80,83
1810 DATA 0,0,105,78,106,84,107,88,103,96,110,96,115,94,119,92,120,89,120,86,118
,83,114,80,110,79,105,78,0,0,64,122,68,121,70,121,75,125,69,126,60,126,64,129,69
,130,80,130,87,134,81,135,73,135,66,134,63,135,67,138
1820 DATA 76,139,84,140,92,139,98,144,100,146,86,144,74,145,66,148,63,152,64,156
,71,160,79,162,98,161,99,159,96,157,88,158,81,158,75,156,72,153,73,149,80,145,89
,145,96,146,103,149,106,151,111,152,115,151,111,146
1830 DATA 102,138,111,136,115,134,115,132,111,130,96,129,104,130,103,131,96,133,
88,128,96,127,100,125,100,122,97,121,93,121,84,124,78,119,73,117,68,118,64,122,-
1,-1
1840 *CPAINT
1850 DATA 0,0,20,77,44,126,32,56,82,101,88,93,136,68,153,-1,-1
FILE NAME : LUMB1/30

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うる星やつら 弁天

PC-8801/mk II

文岡 朗

映画フィルムのような画面!!

「おユキ」の絵を作った文岡君の作品です。この「弁天」は、映画のフィルムのように画面を仕上げているのが、とてもおもしろいですね。また、このフィルムは上に少しずつ、スクロールして行き、下から左右反転した絵が出てくるようになっていきます。この絵の移動部分にはマシン語プログラムが使われています。

ペイントは、中間色カラーナンバー方式をとっています。〔下図参照〕

カラーナンバー	色	タイルデータ	ペイント場所
0~7	原色	なし	
8	黒+青	550000AA0000	目・バツク
9	緑+白	5555FFAAAAFF	バツク
10	赤+黒	00AA00005500	髪(淡)・ひじ
11	赤+黒	001100004400	髪(濃)
12	赤+白	55FF55AAFFAA	はだ(淡)
13	紫+黄	AAFF5555FFAA	はだ(濃)
14	赤+黒	00EE00007700	口
15	黄+黒	00EEEE008888	イチョウ
16	黒+白	AAAAAA555555	金属部分
17	水+白	FFAAFFFF55FF	ガラス
18	黄+白	AAFFFF55FFFF	うでわ
19	紫+黒	AAAA00555500	パイプ

「おユキ」と同様に「弁天」も、色と色との境界線を出さないようにしているので、描き上げるまでに多少時間がかかります。

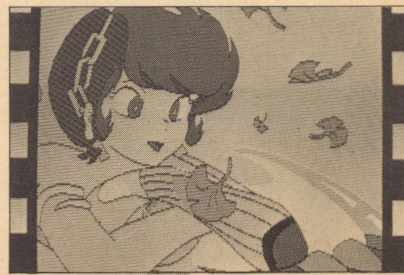
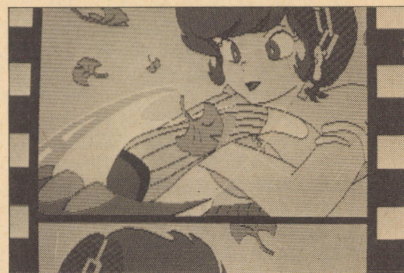
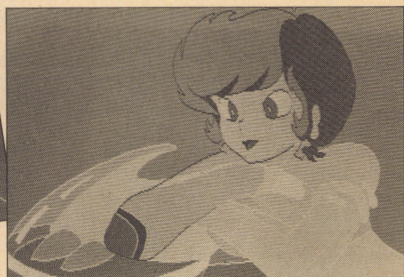
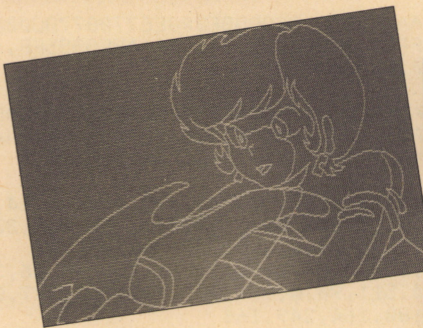
NAME.Dについて…これは、相対的に線を描くサブルーチンで、Last referenced Pointからx軸、y軸方向へ、それぞれいくらの距離だけ動いたかが、DATAとなっています。なお左右対称の図形を書く必要があったので、条件

文によってx軸のDATAの符号を反転させています。

マシン語について…画面を上スクロールさせるためのものです。このCGでは、上にはみ出た画面データの左右を反転させて、画面の下に表示させてあります。ただし、スクロールのときに画面がずれて美しくないで、入力される方は、〔SET MACHINE LANGUAGE〕、〔MOVE PICTURE〕および〔MACHINE〕は入力しないことをおすすめします。

また、マシン語ルーチン内では、**STOP** KEYのみが有効です。マシン語は、リロケータブルで、このプログラムでは、バッファ#0におかれています。

以上、「おユキ」、「弁天」とも、バック処理にくふうをこらしている作品です。これで、構図的にもっと、動きのあるものができるとよかったです。また、「弁天」の場合、胸の部分があまり見えていないために、全体的に頭が重いように感じられます。



うる星やつら 弁天 プログラムリスト

```

1  '
2  '
3  '   ---- [[ BENTEN ]] ----
4  '
5  '   Programed by A.Fumioka
6  '
7  '   ▲  DATE : S40.06.21
8  '
9  '
10 WIDTH 80,20:CONSOLE 0,25,0,1:COLOR 7,1:SCREEN 0,0:CLS 3:FOR I=0 TO 7:COLOR=(I
,I):NEXT I:CLEAR ,,1024
10 INPUT "Printer ? (Y/N)";A$:IF A$="Y" OR A$="y" THEN VIEW(0,0)-(639,199):LINE(
0,190)-(639,199),7,BF:VIEW(0,0)-(639,189):F=1 ELSE VIEW(0,0)-(639,199):F=0
10 WINDOW(0,0)-(639,199):CLS 1
10 DIM PALETTE$(15)
10 GOSUB *MAKEPALETTE
10 '
10 ' [ DRAW PICTURE ]
10 '
10 RESTORE *MAINLINE:C=7:GOSUB *LINE.D
100 RESTORE *SUBLINE:C=7:GOSUB *LINE.D
110 RESTORE *PAINT.DATA.A:C=7:GOSUB *PAINT.D
120 RESTORE *SUBLINE:C=1:GOSUB *LINE.D
130 RESTORE *ADDLINE3:C=7:GOSUB *LINE.D
140 RESTORE *PAINT.DATA.B:C=7:GOSUB *PAINT.D
150 RESTORE *MAINLINE:C=0:GOSUB *LINE.D
160 RESTORE *PAINT.DATA.C:C=0:GOSUB *PAINT.D
170 RESTORE *ADDLINE:C=7:GOSUB *LINE.D
180 RESTORE *PAINT.DATA.D:C=7:GOSUB *PAINT.D
190 RESTORE *ADDLINE:C=0:GOSUB *LINE.D
200 RESTORE *ADDLINE2:C=0:GOSUB *LINE.D
210 RESTORE *GARASULINE:C=7:GOSUB *LINE.D
220 RESTORE *CIRCLE.DATA:GOSUB *CIRCLE.D
230 RESTORE *BACK.S:C=6:GOSUB *LINE.D
240 RESTORE *PAINT.DATA.E:C=6:GOSUB *PAINT.D
250 RESTORE *BACK.D:C=0:GOSUB *LINE.D
260 RESTORE *BACK.A:C=0:GOSUB *LINE.D
270 '
280 ' [ MAKE FILM ]
290 '
300 LINE(75,-1)-(564,195),0,B:LINE(74,-1)-(565,196),5,B:PAINT(0,0),5,5:PAINT(0,0
),0,0:LINE(0,-1)-(639,200),7,B
310 RESTORE *FILMDATA:FOR I=1 TO 5:READ X,Y:LINE(16,X)-(60,Y),7,BF:NEXT I:RESTOR
E *FILMDATA:FOR I=1 TO 5:READ X,Y:LINE(579,X)-(623,Y),7,BF:NEXT I
320 '
330 ' [ DRAW NAME ]
340 '
350 POINT(7,167):G=0:GOSUB *NAME.D:POINT(632,67):G=1:GOSUB *NAME.D
360 IF F=1 THEN END
370 '
380 ' [ SET MACHINE LANGUAGE ]
390 '
400 ADDRESS=VARPTR(#0)+10:DEF USR1=ADDRESS
410 RESTORE *MACHINE
420 READ DA$:IF DA$="END" THEN 460 ELSE POKE ADDRESS,VAL("&h"+DA$):ADDRESS=ADDLE
SS+1:GOTO 420
430 '
440 ' [ MOVE PICTURE ]
450 '
460 DA=USR1(DA)
470 END
480 '
490 ' [ SUB-ROUTINE BLOCK ]
500 '
510 '
520 '
530 *LINE.D

```

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540 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=0 AND Y=0 THEN READ X,Y:POIN
T(X,Y):GOTO *LINE.D ELSE LINE-(X,Y),C:GOTO *LINE.D
550 *MAKEPALETTE
560 RESTORE *PALETTE
570 A=0
580 READ A$:IF A$='END' THEN RETURN
590 PALETTE$(A)='':FOR I=1 TO LEN(A$) STEP 2:B=VAL('&h'+MID$(A$,I,2)):PALETTE$(A
)=PALETTE$(A)+CHR$(B):NEXT I
600 A=A+1:GOTO 580
610 *PAINT.D
620 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE IF X=0 AND Y=0 THEN 650
630 IF B=1 THEN PAINT(X,Y),A,C ELSE PAINT(X,Y),PALETTE$(A-8),C
640 GOTO *PAINT.D
650 READ A:IF A<8 THEN B=1 ELSE B=0
660 GOTO *PAINT.D
670 *CIRCLE.D
680 READ X,Y:IF X=-1 AND Y=-1 THEN RETURN ELSE CIRCLE(X,Y),3,2:GOTO *CIRCLE.D
690 *NAME.D
700 RESTORE *NAMEDATA
710 READ X,Y:IF X=999 AND Y=999 THEN RETURN
720 IF X=0 AND Y=0 THEN READ X,Y:IF G=1 THEN X=X-2*X:POINT STEP(X,Y):GOTO 710 EL
SE POINT STEP(X,Y):GOTO 710
730 IF G=1 THEN X=X-2*X
740 LINE -STEP(X,Y),2:GOTO 710
1000 '
1010 ' [ DATA BLOCK ]
1020 '
1030 '
1040 '
1050 *PALETTE
1060 DATA 550000AA0000,5555FFAAAAFF,00AA00005500,001100004400,55FF55AAFFAA,AAFF5
555FFAA,00EE00007700,00EEEE00BBBB,AAAAAA555555,FFAAFFFF55FF,AAFFFF55FFFF,AAAA005
55500
1070 DATA END
1080 *MAINLINE
1090 DATA 0,0,332,68,339,72,343,74,347,79,350,83,349,90,351,94,354,98,358,102,36
9,107,379,110,385,112,389,114,394,116,413,115,430,112,445,108,460,103,0,0,349,82
,334,81,317,79,301,76,293,73,288,69,285,65,291,67,296,68
1100 DATA 288,63,282,58,278,51,277,45,279,39,284,32,290,27,288,33,288,36,291,41,
292,33,296,26,302,20,308,16,321,11,335,7,339,7,333,11,332,14,341,9,352,6,361,5,3
71,6,364,8,360,10,361,12,367,12,390,7,408,4,433,3,446,5
1110 DATA 456,7,463,10,467,8,475,7,486,8,502,13,514,19,529,29,543,43,550,58,549,
68,543,78,531,90,516,99,508,102,498,103,492,103,494,107,498,108,507,109,501,111,
494,111,487,108,490,113,493,114,481,113,477,109,473,113
1120 DATA 461,110,474,99,478,98,486,101,480,106,478,104,475,104,473,105,472,107,
474,108,477,109,0,0,479,98,483,97,488,99,492,99,495,97,497,95,496,90,495,89,497,
87,499,84,499,80,496,75,494,73,491,73,488,74,486,77
1130 DATA 486,82,487,88,486,93,483,97,0,0,474,99,470,99,464,96,458,92,456,87,462
,90,464,90,460,86,459,82,460,78,463,82,466,84,468,85,472,82,474,76,470,71,463,67
,457,61,457,65,451,60,447,56,445,51,447,43,443,50,436,56
1140 DATA 426,60,418,62,410,63,393,64,385,64,0,0,422,46,416,51,407,56,398,60,385
,64,375,66,362,67,351,68,342,67,0,0,377,52,367,58,354,63,348,65,342,67,332,68,32
3,69,315,68,308,66,303,63,300,60,0,0,339,81,340,87,338,90
1150 DATA 338,90,332,87,331,84,328,87,331,92,335,94,327,93,326,92,332,98,339,101
,345,102,351,101,354,98,0,0,357,101,350,107,360,109,364,105,0,0,349,73,348,70,34
8,70,350,69,361,70,368,73,373,76,375,78,377,81,377,82
1160 DATA 375,85,372,86,361,85,359,84,0,0,369,86,366,83,363,79,362,75,363,71,0,0
,368,77,367,79,369,82,371,82,371,80,368,77,0,0,414,73,421,68,431,64,441,63,451,6
5,456,70,0,0,454,79,446,82,434,83,430,84,420,83,416,78
1170 DATA 414,73,0,0,421,68,429,71,434,74,436,78,435,83,0,0,421,74,422,77,423,79
,426,80,426,77,421,74,0,0,384,85,383,86,379,86,378,88,380,90,381,92,0,0,384,101,
397,100,407,100,398,105,391,106,389,104,384,101
1180 DATA 0,0,389,104,397,100
1190 DATA 0,0,353,108,335,111,319,115,299,120,279,126,251,134,233,137,219,140,21
0,143,197,150,189,156,182,163,178,168,178,183,183,177,195,180,211,183,230,185,24
0,185,251,183,274,174,291,166,306,160,345,147,364,142
1200 DATA 382,139,394,138,402,139,418,143,431,149,440,155,0,0,497,138,483,131,47
6,129,466,126,473,130,476,133,477,135,476,138,469,140,457,139,440,136,424,135,40
8,137,399,139,413,145,413,150,0,0,364,142,392,146,413,150
1210 DATA 440,155,455,159,462,161,0,0,453,165,462,161,475,154,491,144,487,143,48
8,140,497,138,500,136,496,134,498,131,505,129,507,127,0,0,251,134,272,132,295,12
9,324,124,351,119,372,116,387,116,408,117,436,120,452,123

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1220 DATA 466,126,0,0,402,138,410,133,417,127,418,125,418,121,417,118,0,0,201,14
 8,218,152,232,157,239,161,242,165,242,169,238,177,230,185,0,0,219,184,225,177,22
 8,172,227,167,222,162,212,157,195,152,0,0,394,182,377,181
 1230 DATA 364,179,349,174,337,168,327,161,0,0,311,158,327,161,343,164,359,169,37
 9,176,394,182,408,188,424,195,440,199,458,202,0,0,491,200,507,193,526,182,543,17
 0,560,156,565,156,569,155,571,152,570,148,573,145,577,146
 1240 DATA 583,145,583,141,578,136,584,129,586,120,585,115,579,109,569,104,558,10
 2,539,101,521,103,502,106,494,107,0,0,578,136,574,133,570,130,560,128,571,136,57
 3,141,573,145,0,0,570,149,565,139,559,134,550,131,534,128
 1250 DATA 519,128,503,130,0,0,500,136,513,135,528,134,545,136,553,140,558,148,56
 0,156,0,0,497,138,517,138,529,140,535,142,538,145,518,142,503,143,491,144,0,0,57
 0,154,575,162,586,168,598,173,619,179,641,182,0,0,575,162
 1260 DATA 540,172,0,0,401,185,334,188,330,191,321,200,0,0,291,201,314,196,331,19
 0,334,188,337,184,336,182,327,183,287,186,234,185,0,0,195,180,182,185,164,189,13
 9,192,126,193,112,191,124,182,140,176,154,172,163,171
 1270 DATA 172,172,180,175,0,0,145,175,142,170,137,167,128,164,117,163,106,165,93
 ,169,82,174,73,180,68,185,92,186,124,182,0,0,96,168,98,161,100,160,88,160,73,162
 ,70,162,0,0,50,165,39,168,34,170,31,174,31,179,39,184
 1280 DATA 60,190,98,197,172,202,0,0,73,200,56,197,33,191,26,187,24,184,23,180,26
 ,175,0,0,40,184,45,179,60,174,78,170,95,168,0,0,-1,200,10,188,26,175,34,170,0,0,
 336,182,290,192,239,200
 1290 *GARASULINE
 1300 DATA 0,0,34,170,52,158,74,147,99,138,120,131,165,119,214,109,253,104,268,10
 3
 1310 DATA 283,104,285,106,273,108,264,109,242,115,230,120,226,123,225,126,230,12
 8,253,129,289,127,369,116,0,0,411,117,441,118,444,120,442,124,434,130,408,146,37
 1,165,336,182,-1,-1
 1320 *SUBLINE
 1330 DATA 0,0,319,70,332,74,346,81,0,0,341,84,350,94,0,0,364,66,370,62,376,57,37
 8,53,0,0,409,62,416,57,421,53,423,47,0,0,461,11,454,10,445,11,439,16,437,22,436,
 28,439,36,441,45,440,51,0,0,451,58,450,52,451,49,457,45
 1340 DATA 455,50,459,54,466,60,474,67,478,73,479,83,480,87,478,92,472,96,464,95,
 0,0,346,75,349,74,354,80,358,83,0,0,376,77,392,76,403,74,414,75,0,0,430,85,437,8
 7,441,92,441,94,439,100,432,108,423,112,0,0,455,106
 1350 DATA 452,110,445,115,439,117,0,0,560,104,565,108,568,112,570,117,569,125,56
 6,128,0,0,563,131,560,134,0,0,552,141,544,150,532,160,509,175,485,188,454,200,0,
 0,452,165,443,164,430,160,406,153,400,152,0,0,396,151
 1360 DATA 381,148,361,144,0,0,456,71,454,78,0,0,461,103,468,99
 1370 DATA 0,0,553,170,578,172,590,175,606,180,633,185,641,186,0,0,101,159,116,15
 0,133,142,159,132,190,122,218,114,239,110,261,107,276,107,0,0,167,123,142,129,11
 1,139,109,140,116,143,131,136,168,124,0,0,91,146,80,150
 1380 DATA 67,156,51,165,43,172,50,175,69,162,88,152,98,149,91,146,-1,-1
 1390 *ADDLINE
 1400 DATA 0,0,458,12,477,30,480,30,484,29,464,11,458,12,0,0,473,26,469,28,468,30
 ,485,46,489,47,502,46,508,64,497,75,492,72,503,61,507,61,0,0,506,66,511,67,515,6
 6,508,43,488,40,477,30,0,0,479,25,485,24,490,24,507,43
 1410 DATA 0,0,500,42,486,28,483,28,0,0,488,40,493,44,500,46,0,0,493,47,498,61,50
 2,62,0,0,499,65,492,63,487,47,0,0,514,63,522,65,523,67,505,84,502,84,499,82,505,
 80,503,76,497,77,499,82,0,0,504,77,515,66,-1,-1
 1420 *ADDLINE2
 1430 DATA 0,0,411,67,419,62,0,0,432,58,444,59,0,0,453,67,458,67,463,65,0,0,456,7
 0,460,70,465,68,0,0,349,72,343,72,338,71,0,0,349,74,346,74,342,73,0,0,492,79,488
 ,81,486,84,0,0,487,82,491,84,491,86,487,87,0,0,372,108
 1440 DATA 328,118,284,130,0,0,205,149,223,144,261,137,294,133,350,128,391,126,40
 3,126,416,128,0,0,303,128,357,122,389,121,418,123,0,0,226,155,260,147,306,139,35
 1,133,381,131,411,132,0,0,241,164,265,160,292,154,332,144
 1450 DATA 354,139,379,136,402,137,0,0,239,174,264,169,317,154,341,148,0,0,69,162
 ,51,165,0,0,351,187,343,191,342,194,341,197,343,201,0,0,364,187,359,191,358,195,
 363,201,0,0,378,186,374,189,374,193,377,198,379,204
 1460 DATA 0,0,394,185,390,189,389,193,390,198,395,202,0,0,409,188,406,191,405,19
 4,407,198,411,201,0,0,415,72,423,66,432,63,440,62,447,64,454,68,0,0,372,75,366,7
 1,359,69,348,69,346,72,-1,-1
 1470 *CIRCLE.DATA
 1480 DATA 565,161,323,189,300,195,278,199,81,199,59,194,39,189,29,183,405,144,39
 7,140,-1,-1
 1490 *BACK.S
 1500 DATA 0,0,350,126,359,124,369,125,371,128,368,133,361,137,351,144,341,148
 1510 *BACK.D
 1520 DATA 0,0,286,110,287,112,286,116,289,120,295,125,300,127,300,132,295,137,28
 8,139,280,139,281,142,284,146,291,149,298,149,307,152,318,152,327,150,335,149,34
 1,146,343,144,345,142,332,138,349,138,350,135,352,130

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1530 DATA 348,125,343,121,337,116,329,115,323,115,323,120,321,123,316,126,307,12
7,301,124,295,121,292,118,291,115,291,111,292,110,286,110,0,0,176,94,171,95,163,
95,155,93,156,90,162,89,167,88,161,85,151,84,142,83
1540 DATA 133,85,129,87,140,90,126,90,123,93,125,96,125,99,131,101,141,103,149,1
03,145,101,145,98,150,95,154,95,160,97,173,97,177,96,176,94,0,0,118,47,125,49,13
2,53,141,55,160,57,179,59,206,55,203,51,198,49,189,45
1550 DATA 177,44,162,45,169,48,170,52,166,54,160,55,155,54,147,53,137,52,125,46,
120,45,118,47,0,0,150,53,144,50,153,50,160,51,168,53,0,0,182,59,206,59,199,56,0,
0,238,83,240,85,244,86,248,85,248,83,253,84,255,88,251,90
1560 DATA 246,89,249,92,244,93,238,92,235,90,240,89,241,87,237,83,238,80,0,0,580
,71,575,70,569,70,565,73,565,74,560,72,559,68,560,64,565,61,570,60,575,65,576,59
,582,59,590,61,592,65,595,67,595,69,589,68,584,68,581,69
1570 DATA 580,71,581,74,585,76,591,78,599,79,599,78,586,76,0,0,236,6,233,4,225,4
,218,5,211,8,207,3,208,-2,0,0,275,-2,276,1,275,7,271,8,268,11,262,14,259,10,255,
8,249,7,242,8,238,9,233,15,226,19,212,22,211,20,216,19
1580 DATA 223,17,230,13,236,6,-1,-1
1590 *ADDLINE3
1600 DATA 0,0,349,73,350,75,-1,-1
1610 *BACK.A
1620 DATA 0,0,307,131,309,135,308,140,306,143,0,0,314,133,317,137,318,142,0,0,31
9,130,329,131,334,130,338,127,0,0,149,93,143,93,140,94,138,96,0,0,149,91,147,89,
0,0,241,4,247,2,260,1,0,0,238,2,235,-1
1630 DATA 0,0,579,67,582,65,0,0,576,68,571,67,0,0,170,56,179,55,184,52,184,51,-1
,-1
1640 *PAINT.DATA.A
1650 DATA 0,0,8,366,75,431,79,0,0,7,370,80,424,77,443,71,0,0,12,398,96,513,118,4
50,183,572,183,500,143,0,0,11,346,84,331,71,361,64,408,59,453,31,0,0,13,494,83,4
02,148,410,142,0,0,16,358,106,478,102
1660 DATA 0,0,18,578,142,562,146,506,141,0,0,14,391,105,0,0,2,18,196,317,199,0,0
,7,68,159,116,140,74,196,314,191,0,0,19,109,172,162,182,0,0,8,205,191,0,0,17,430
,124,195,136,307,173,437,119,277,129,0,0,16,567,159,365,175,410,146
1670 DATA 373,113,270,153,348,169,388,142,0,0,10,205,169,0,0,0,235,166,387,102,0
,0,7,456,132,0,0,12,479,143,355,155,410,138,0,0,13,422,148,0,0,8,368,194,-1,-1
1680 *PAINT.DATA.B
1690 DATA 0,0,13,342,70,450,97,577,118,568,138,510,183,572,168,433,158,437,114,3
91,148,0,0,5,194,117,0,0,7,357,75,-1,-1
1700 *PAINT.DATA.C
1710 DATA 0,0,10,364,33,344,95,456,57,0,0,9,1,1,357,182,-1,-1
1720 *PAINT.DATA.D
1730 DATA 0,0,16,471,20,474,31,493,31,505,46,493,55,517,69,500,69,502,79,-1,-1
1740 *PAINT.DATA.E
1750 DATA 0,0,15,325,134,250,87,146,92,186,52,249,3,578,67,0,0,6,363,130,154,52,
199,58,-1,-1
1760 *FILMDATA
1770 DATA -11,10,38,60,88,110,138,160,188,210
1780 *NAMEDATA
1790 DATA 9,0,0,1,2,0,0,1,2,0,0,0,-2,1,-2,0,0,1,-9,0,0,0,3,-3,0,2,1,0,0,-2,0,0,-
4,6,1,0,0,0,-1,3,13,0,0,4,-2,0,0,0,1,-1,0,-2,0,0,-5,0,-1,0,-1,1,3,0,999,999
1800 *MACHINE
1810 +1 +2 +3 +4 +5 +6 +7 +8 +9 +A +B +C +D +E +F
1820 DATA F3,21,00,C0,11,CF,FE,3E,50,F5,D5,E5,0E,00,D3
1830 DATA 5C,18,34,E1,D1,F1,F5,D5,E5,0E,01,D3,5D,18,28
1840 DATA E1,D1,F1,E5,0E,02,D3,5E,18,1E,D1,01,80,3E,21
1850 DATA 50,C0,AF,18,5F,11,30,FE,01,50,00,21,80,FE,3E
1860 DATA FF,18,52,FB,CD,C2,35,D8,18,BA,06,00,CB,46,28
1870 DATA 02,CB,F8,CB,4E,28,02,CB,F0,CB,56,28,02,CB,E8
1880 DATA CB,5E,28,02,CB,E0,CB,66,28,02,CB,D8,CB,6E,28
1890 DATA 02,CB,D0,CB,76,28,02,CB,C8,CB,7E,28,02,CB,C0
1900 DATA EB,70,EB,1B,23,3D,FE,00,20,C4,D3,5F,79,FE,00
1910 DATA 28,89,FE,01,28,91,18,99,18,A1,F5,E5,C5,D5,D3
1920 DATA 5C,ED,B0,D3,5F,D1,C1,E1,E5,C5,D5,D3,5D,ED,B0
1930 DATA D3,5F,D1,C1,E1,D3,5E,ED,B0,D3,5F,F1,FE,00,28
1940 DATA DA,18,88
1950 DATA END

```



うる星やつら ウインクラム

PC—8801/mk II

長山 裕

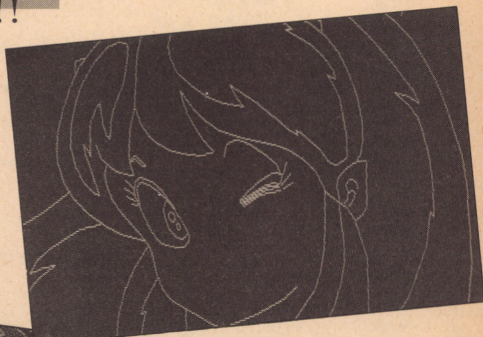
ラムちゃんからのウインクメッセージ!!

長山君の連作の中の1つです。ラムの髪の毛の緑色と青の使い方やプログラムなど、共通性があり、長山君のスタイルが出ています。

今回は、かわいいラムちゃんの特アップ!細かいプログラミングとセンスでラムの魅力がよく出ていると思います。それでは、構図や色使い、アウトライン等細かくチェックしていくことにしましょう。

まず構図から。うーん、なんと大胆な!画面いっぱいの顔に圧倒されちゃいますね。自分がウインクされているようにうれいすね♥

左はしに少しバックを残すところなんかマニアックでいいですね。右に流れる髪の毛のラインも大きさを感じさせて、うまくいっていると思います。ただおしいかなラムのつのの切り方がマズイな。入れるなら



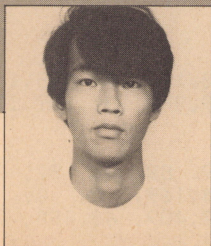
▲これも、最初に黒をバックにして、白で人物の線を描いています。これは、一番楽で、カンタンにできるテクニクでしょう。



作者のプロフィール

「成績が0.5落ちて、とうぶんCGが作れそうにない。来年の3月になったら、また作って送るからね」という、ラムちゃんの大ファンで8番目に作った「ラム」が、データも長くなり、プログラムも少しややこしくなって、苦労しただけに気に入っている作品なのだそうです。

……15才の長山君でした。



全部入れた方がよかったですね。中途半端はいけませんよ。構図の大胆さに比べて、線が貧弱だな。ここまで大きいと強弱をつけないと無理があるね。表情にも、もっと深みが出てくるんじゃないかな。それに線の凹凸がハッキリ見えてしまって、ちょっとゴコちないし、神経質な感じ

になりがちだよ。面取りが大きいので、フラフラした線が気になっちゃうんだよね。それから、ウインクした目の位置がズレている。顔の左半分を隠してみるとよくわかると思います。原画をもっとよく見てください。

バックの処理は成功していると思います。キャラクターが割と大きな色面



で構成されているので、細かなパターンが立体的な効果を出すのに役立っています。縦ジマにしたのもGOOD。

CGテクニクはバッチリなので、細部のデッサンや、色使いをもっとガンバってください。全体の色調が弱く、メリハリがありません。髪の毛の色やバックの色はイマイチだと思います。

うる星やつら ウィンクラム プログラムリスト

```

10  '
20  '      ILL.
30  '
40  '      ヨト
50  '
60  '      Y.NAGAYAMA
70  '
80  '      ノ ツクツク
90  '

100 '      LUM !!!
110 '      PART 2 , No.002
120 '      1984年 (S.59年)
130 '      6月 6日
140 '      C. RUMIKO
150 '      TAKAHASHI
160 '

170 '      ショキ セツタイ
180 '      CLEAR:SCREEN 0,3:WIDTH 80,25:CONSOLE 0,25,0,1
190 '      FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,0,0,7:CLS 3:SCREEN ,0
200 '      メイン
210 '
220 '      *MAIN.
230 '      RESTORE
240 '      K=K+1
250 '      *READ.
260 '      READ X,Y
270 '      IF X<>Y OR X<999 AND X>7 THEN *LINE.
280 '      IF X<999 THEN 220
290 '      IF K=1 THEN *PAINT. ELSE *PSET.
300 '      IF K=1 THEN C=7 ELSE C=ABS(X)
310 '      IF X<0 THEN *READ. ELSE *POINT.
320 '      LINE
330 '      *LINE.
340 '      LINE -(X,Y),C
350 '      GOTO *READ.
360 '      POINT
370 '      *POINT.
380 '      READ X,Y
390 '      POINT (X,Y)
400 '      GOTO *READ.
410 '      PAINT
420 '      *PAINT.
430 '      TILE
440 '      FOR I=1 TO 8
450 '      FOR J=0 TO 5
460 '      READ A
470 '      T$(I)=T$(I)+CHR$(A)
480 '      NEXT J
490 '      NEXT I
500 '      FOR I=0 TO 20
510 '      READ A
520 '      T$(9)=T$(9)+CHR$(A)
530 '      NEXT I
540 '      PAINTING
550 '      READ X,Y,C
560 '      IF X=999 THEN *MAIN.
570 '      IF C<1 THEN 520
580 '      PAINT(X,Y),T$(C),7
590 '      GOTO 470
600 '      PAINT(X,Y),ABS(C),7
610 '      GOTO 470
620 '      PSET
630 '      *PSET.
640 '      PSET(430,199),4
650 '      PSET( 61,150),4
660 '      END
670 '      ライン ティーター
680 '      リンカク
690 '
700 '      DATA 0, 0
710 '      DATA 148, 89,144, 95,145,102,151,111,162,120,183,133,194,141,198,146
720 '      DATA 201,158,208,169,218,176,270,193,284,196,331,189,368,181,387,174
730 '      カミ
740 '      DATA 0, 0
750 '      DATA 189,138,159,133,139,127,116,118, 99,108, 89, 99, 82, 86, 82, 77
760 '      DATA 85, 66, 95, 50,106, 37,119, 25,140, 13,158, 4,169, 0, 0, 0
770 '      DATA 403, 0,435, 10,451, 18,467, 30,478, 44,486, 57,489, 68,490, 75

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690 DATA 489, 86,485, 95,480, 99, 4, 4
700 DATA 472, 0,492, 11,511, 23,537, 41,561, 60,566, 67,553, 62,536, 59
710 DATA 552, 67,563, 76,568, 87,572, 98,574,113,573,132,572,138,568,135
720 DATA 559,156,547,169,539,178,531,186,511,199, 0, 0
730 DATA 520, 0,546, 14,564, 26,577, 39,590, 53,599, 67,607, 83,616,102
740 DATA 619,120,618,140,617,168,610,188,607,199, 0, 0
750 DATA 93,105, 60,115, 34,121, 0,128, 4, 4
760 DATA 133,126,106,128, 84,133, 64,138, 43,145, 31,153, 51,150, 67,149
770 DATA 44,156, 30,162, 17,173, 0,184, 0, 0
780 DATA 193,142,172,155,155,170,144,186,140,199, 4, 4
790 DATA 202,162,182,176,176,183,183,182,177,189,173,199, 0, 0
800 DATA 236,183,234,199, 0, 0
810 DATA 135, 76,141, 85,148, 89,160, 94,178, 97,182, 97,179, 90,178, 85
820 DATA 179, 78,182, 67,187, 59,190, 54,191, 48,194, 35,197, 21,204, 9
830 DATA 213, 0, 0, 0
840 DATA 191, 55,197, 65,205, 72,217, 78,232, 83,249, 86,272, 88,289, 87
850 DATA 291, 86,278, 78,269, 70,260, 61,255, 53,253, 46,267, 57,281, 65
860 DATA 301, 73,331, 79,359, 83,379, 86,394, 90,410, 96,424,104,432,113
870 DATA 434,117,450,124,461,128,470,136,476,148,482,159,481,173,478,199
880 DATA 0, 0
890 DATA 434,118,431,136,427,152,420,166,410,177,393,187,378,196,376,199
900 DATA 4, 4
910 DATA 451,126,452,136,453,150,452,161,446,173,435,187,428,193,420,199
920 DATA 4, 4
930 DATA 428,199,434,197,432,199, 4, 4
940 DATA 349, 0,374, 2,401, 8,409, 12,400, 12,419, 19,433, 24,448, 33
950 DATA 459, 42,460, 47,453, 45,450, 44,456, 50,463, 58,466, 70,468, 83
960 DATA 467, 96,464, 98,453,101,445,100,440, 97,433, 91,420, 84,410, 79
970 DATA 403, 77,405, 80,396, 77,375, 67,353, 57,320, 45,329, 54,336, 59
980 DATA 310, 56,288, 51,265, 42,250, 34,242, 25,240, 16,244, 10,255, 0
990 DATA 4, 4
1000 DATA 173, 11,157, 14,139, 23,123, 35,112, 47,104, 61,101, 76,106, 89
1010 DATA 115, 99,127,106,135,108,128, 96,124, 87,120, 82,119, 75,125, 80
1020 DATA 127, 83,128, 69,130, 61,140, 51,144, 49,146, 62,149, 69,154, 73
1030 DATA 158, 60,165, 50,176, 39,182, 28,185, 19,186, 15,184, 12,174, 11
1040 DATA 〃 ツ
1050 DATA 0, 0
1060 DATA 126, 20,115, 21,114, 22,113, 29, 0, 0
1070 DATA 448, 15,447, 0, 0, 0
1080 DATA 447, 8,435, 5,424, 0, 0, 0
1090 DATA 446, 2,439, 0, 0, 0
1100 DATA 〃 ク
1110 DATA 292,196,292,199, 0, 0
1120 DATA 〃 ミ
1130 DATA 452,123,450,115,453,109,464,104,474,101,480,100,490,100,491,102
1140 DATA 490,108,489,115,488,122,487,128,481,133,472,136, 0, 0
1150 DATA 458,125,463,123,464,119,462,115,463,113,467,111,472,111,476,113
1160 DATA 477,117, 0, 0
1170 DATA 465,119,470,118,473,119,472,122,468,125,464,127, 0, 0
1180 DATA 〃 ヒタリ
1190 DATA 187,116,185,108,186,104,190,102,193,102,201,104,209,107,220,112
1200 DATA 229,118,240,127,247,134,249,138,248,141,241,144,234,144,224,143
1210 DATA 213,141,205,137, -7, -7
1220 DATA 198,131,192,124,187,117, 0, 0
1230 DATA 186,116,182,111,181,107,183,102,186,100,191, 99,197,100,208,103
1240 DATA 219,109, -7, -7
1250 DATA 233,120, 1, 1
1260 DATA 222,115,218,120,219,125,222,131,227,135,234,138,239,139,243,138
1270 DATA 247,136, 1, 1
1280 DATA 227,122,224,123,224,125,226,127,229,128,232,127,232,125,231,123
1290 DATA 228,122, 0, 0
1300 DATA 235,129,233,130,234,132,236,133,238,132,237,130,236,129, 0, 0
1310 DATA 184,116,177,115, 0, 0
1320 DATA 181,113,171,110, 0, 0
1330 DATA 180,109,169,105, 0, 0
1340 DATA 180,105,171,100, 0, 0
1350 DATA 178, 89,184, 85,186, 85,195, 89,199, 92,195, 92,190, 89,186, 87
1360 DATA 181, 88, 0, 0
1370 DATA 〃 ミキ
1380 DATA 305, 90,307, 85,310, 82,314, 81,323, 80,332, 81,342, 84,365, 93
1390 DATA 374, 98,378,104, 0, 0

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1400 DATA 321,118,333,113,350,107,367,103,372,103,379,104, 0, 0
1410 DATA 321,119,340,114,358,110,368,109,376,110, 0, 0
1420 DATA 322,120,338,116,349,113,362,111,373,111, 0, 0
1430 DATA 324,121,343,116,358,113,375,112, 0, 0
1440 DATA 326,122,348,116,376,114, 0, 0
1450 DATA 377,109,382,103,387, 97, 0, 0
1460 DATA 378,111,391,104, 0, 0
1470 DATA 380,113,393,110, 7, 7
1480 DATA 364, 94,346, 93,331, 94,313, 99,309,102,308,108,311,112,320,118
1490 DATA 0, 0
1500 DATA 291, 79,298, 72,306, 67,314, 65,326, 66,330, 67,329, 68,318, 67
1510 DATA 313, 68,305, 71,292, 79, 0, 0
1520 '          ハナ
1530 DATA 256,140,248,144,245,145,252,149,256,153,259,154, -7, -7
1540 DATA 262,151,264,149,262,147,256,146,250,145, 0, 0
1550 '          クチ
1560 DATA 274,166,281,167,290,165,298,162, 0, 0
1570 DATA 282,173,288,174, 7, 7
1580 '          キョウカイ セン
1590 DATA 147,103,151, 97,156, 94, 7, 7
1600 DATA 181, 91,196, 96,209, 98,216, 98,209, 92,207, 85,207, 80,209, 76
1610 DATA 7, 7
1620 DATA 285, 81,298, 82,310, 81,326, 79, 7, 7
1630 DATA 377,115,389,122,393,130,395,141,396,152,394,161,391,171,388,173
1640 DATA 7, 7
1650 DATA 317,192,341,191,356,192,362,195,362,199,999,999
1660 '          TILE DATA
1670 DATA 187,255,187,238,255,238 : 'T$(1)
1680 DATA 0, 0, 85, 0, 0,170 : 'T$(2)
1690 DATA 64, 0,187, 4, 0,238 : 'T$(3)
1700 DATA 0,255,187, 0,255,238 : 'T$(4)
1710 DATA 68,187, 85, 17,238,170 : 'T$(5)
1720 DATA 255, 68,187,255, 17,238 : 'T$(6)
1730 DATA 255, 68,255,255, 17,255 : 'T$(7)
1740 DATA 191,255,255,251,255,255 : 'T$(8)
1750 DATA 56,231, 56,206,225,248 : 'T$(9)
1760 DATA 206,225,248,142,241,253 : 'T$(9)
1770 DATA 206,225,248,206,225,248 : 'T$(9)
1780 DATA 56,231, 56 : 'T$(9)
1790 '          PAINT P
1800 DATA 289,123, 1,320,199, 1,483,123, 1,337, 21, 2,172, 21, 2
1810 DATA 153,143, 2,196,188, 2,510,155, 2,468,174, 2,225, 30, 3
1820 DATA 191, 30, 3, 92,119, 3,178,166, 3,248,190, 3,412,190, 3
1830 DATA 574,190, 3,443, 11, 4,443, 5, 4,444, 0, 4,119, 23, 4
1840 DATA 148, 95, 5,190, 78, 5,285, 75, 5,384, 93, 5,257,149, 5
1850 DATA 192,101, 6,364,106, 6,331,105, 7,204,119, -7,228,125, 8
1860 DATA 239,136, -1, 60, 78, 9,615, 65, 9,999,999,999
1870 '
1880 '
1890 '          コノ C.G. ノ ハック ハ
1900 '          2ホンメ ノ ラムチャン ノ C.G.
1910 '
1920 '          ヒジヨウニ キニツテイマス。
1930 '
1940 '
1950 '          ミナサン ハ トウ オモイマスカ !!
1960 '          3日 クライ テ" ツクツタヨ。
1970 '
1980 '
1990 '
2000 '

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うる星やつら ビューティフル・ドリーマー ラムとあたる

PC—8801/mk II

長山 裕

ラムのキスはスペース気分!!

ビューティフルドリーマーの中の絵です。ラムが手にしている星型のキャンディーの部分は、苦勞した割には絵がボケてしまっています。キャンディーをカラフルにした分、人物が弱まってしまうかもしれません。もう少しシャドーを濃くして、お皿もメリハリをつければシックリくるのではないのでしょうか!!
しかし、背景の天空の黒とのコントラストが生きていて、星と、キャンディ

ーがうまくマッチしています。

構図的には、むずかしいポーズをうまく描いてあるのですが、全体的に少しものたりません。もう少しロングで腰下部分を描いてあれば、もっとよくなったでしょう。あたるの頭が多少切れても、ラムの足を左下の角まで伸ばし、画面の中心を右にずらした方がよりまとまると思います。このままでは下部の切り方が中途半端で落ち着きが

ありません。三角形の構図を使うと安定したものとなります。もっと欲を言えば、画面構成をするときに多少ポーズを変えるなりして、よりよい構図を作り出すと同時に、オリジナリティーも考えて下さい。アニメの1シーンをカットしただけでは構成上無理が多いもの。色使いも安易で特にあたるのズボンがキタナイ。その辺もっと研究する
といいと思います。



うる星やつら ラムとあたる プログラムリスト

10 /
20 /
30 /
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100 /
110 /
120 /

ILL.
コト
Y.NAGAYAMA
ノ ツクッタ

URUSEIYATSURA
PART 1 , No.006
1984年 (S.59年)
7月 9日

C. RUMIKO
TAKAHASHI

==== ヲキ セツタイ =====
CLEAR:SCREEN 0,3:WIDTH 80,25:CONSOLE 0,25,0,1
FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,0,0,7:CLS 3:SCREEN ,0

リスト続く

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130      ════════════      メイン      ════════════
140      *MAIN.
150      IF K=2 THEN RESTORE *HOSHI. ELSE RESTORE
160      K=K+1
170      *READ.
180      READ X,Y
190      IF X<>Y OR X<999 AND X>7 THEN *LINE.
200      IF X=999 THEN ON K GOTO *PAINT.,*MAIN.,*PSET.
210      IF K=1 THEN C=7 ELSE C=ABS(X)
220      IF X<0 THEN *READ. ELSE *POINT.
230      ════════════      LINE      ════════════
240      *LINE.
250      LINE -(X,Y),C
260      GOTO *READ.
270      ════════════      POINT      ════════════
280      *POINT.
290      READ X,Y
300      POINT (X,Y)
310      GOTO *READ.
320      ════════════      PAINT      ════════════
330      *PAINT.
340      ════════════      TILE      ════════════
350      DIM T$(11)
360      FOR I=1 TO 11
370      READ A$
380      FOR J=1 TO 11 STEP 2
390      A=VAL("&H"+MID$(A$,J,2))
400      T$(I)=T$(I)+CHR$(A)
410      NEXT J
420      NEXT I
430      ════════════      PAINTING      ════════════
440      READ X,Y
450      IF X=999 THEN *MAIN.
460      IF X=Y AND X<12 THEN C=X:READ X,Y
470      IF C>0 THEN PAINT(X,Y), T$(C),7:GOTO 440
480      PAINT(X,Y),ABS(C),7:GOTO 440
490      ════════════      PSET      ════════════
500      *PSET.
510      READ X,Y
520      IF X=999 THEN *STAR.
530      IF X=Y AND X<8 THEN C=X:READ X,Y
540      PSET(X,Y),C
550      GOTO *PSET.
560      ════════════      ライン データー      ════════════
570      ════════════      ラム データー      ════════════
580      ════════════      リンカク      ════════════
590 DATA 0, 0,386, 50,389, 55,389, 60,390, 62,394, 64,400, 63,402, 64
600 DATA 401, 65,401, 67,401, 68,404, 69,407, 70,407, 71,406, 73,408, 75
610 DATA 407, 78,407, 79,410, 80,410, 82,409, 84,403, 87,388, 90,379, 92
620 DATA 368, 99,349,114
630      ════════════      x      ════════════
640 DATA 0, 0,390, 61,394, 61,400, 59
650 DATA 0, 0,384, 65,377, 64,369, 66,358, 68
660 DATA 0, 0,378, 63,365, 67
670 DATA 5, 5,383, 64,379, 62,377, 62,365, 66
680 DATA 0, 0,381, 62,381, 59,380, 56,377, 54,374, 54,368, 57,365, 60
690 DATA 364, 64
700 DATA -7, -7,364, 65
710 DATA 0, 0,363, 65,357, 64
720 DATA 0, 0,360, 67,351, 66
730 DATA 4, 4,378, 48,375, 47,370, 47,373, 47,376, 48
740      ════════════      カミ      ════════════
750 DATA 0, 0,390, 58,395, 56,399, 53,398, 51,395, 48,400, 51,400, 49
760 DATA 399, 46,394, 42,388, 40
770 DATA 0, 0,375, 55,382, 53,387, 49,388, 46,388, 43,387, 39,381, 35
780 DATA 374, 32,363, 30,358, 29,350, 30,340, 32,330, 36,319, 42,313, 50
790 DATA 310, 57,313, 66,320, 70,327, 74,336, 77,338, 80,335, 88,327, 97
800 DATA 319,104,308,111,301,118,299,123,298,126,299,130,301,125,304,120
810 DATA 303,124,303,128,304,131
820 DATA 0, 0,374, 55,378, 52,379, 50,378, 46,375, 43,373, 42,374, 46

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830 DATA 372, 49, 369, 52, 362, 58, 357, 63, 350, 68, 346, 72, 345, 74, 349, 73
840 DATA 345, 77, 344, 81, 343, 88, 344, 93, 345, 102, 347, 112, 348, 115, 347, 124
850 DATA 346, 130, 342, 136, 343, 129, 338, 136
860 DATA 0, 0, 338, 32, 322, 33, 308, 35, 292, 40, 274, 47, 256, 57, 235, 68
870 DATA 219, 78, 185, 96, 166, 108, 149, 121, 137, 135, 135, 144, 135, 156, 139, 165
880 DATA 148, 174, 161, 182, 151, 173, 146, 167, 143, 161, 143, 152, 145, 141, 145, 157
890 DATA 148, 166, 159, 177, 175, 184
900 DATA 4, 4, 355, 33, 345, 34, 335, 38, 328, 43, 325, 51, 324, 56, 321, 52
910 DATA 321, 50, 317, 52, 317, 55, 318, 60, 322, 64, 329, 70, 337, 73, 339, 75
920 DATA 341, 77, 341, 82, 340, 89, 336, 97, 328, 105, 315, 113, 310, 118, 309, 121
930 DATA 314, 119, 314, 123, 315, 130
940 DATA 4, 4, 340, 91, 340, 103, 342, 113, 343, 120, 341, 124, 340, 121, 338, 125
950 DATA 334, 129, 328, 132
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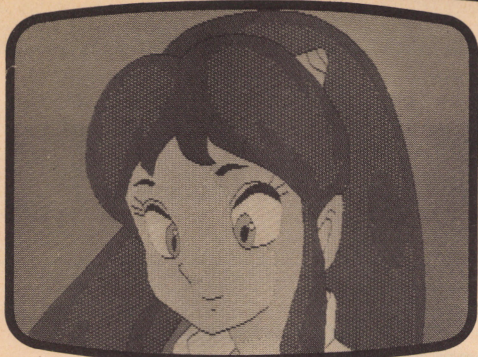
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4040 DATA 423,147,424,147,343,157,340,157,337,157,339,156,340,156,341,156
4050 DATA 338,156,343,154,344,154,341,154,344,155,343,155
4060 DATA 2, 2,390,141,388,141,381,132,379,130,379,132,379,134,375,132
4070 DATA 374,133,375,131,373,131,375,130,420,143,400,193,403,191,417,179
4080 DATA 382,132,385,133,481, 30,479, 30,479, 31,477, 31,402,152,400,152
4090 DATA 404,148,382,134
4100 DATA 3, 3,377,131,376,132,378,132,420,154,422,154,419,152,400,189
4110 DATA 399,189,401,191,399,192,402,189,402,187,402,188,404,190,394,153
4120 DATA 390,154,390,154,392,153,396,153,395,154,396,154
4130 DATA 4, 4,331,152,334,153,336,153,156,129,182,108,310,120,360, 52
4140 DATA 417,179,409,156,393,149,394,149,395,149,394,150,396,150,369,149
4150 DATA 379, 54,378, 54,376, 55,377, 55
4160 DATA 5, 5,372,157,373,157,421,143,341,144,343,144,337,149,376,155
4170 DATA 421,143,341,144,343,144,375,155,420,143,338,145,340,142,342,142
4180 DATA 6, 6,370,136,399,133,398,130,401,132,360, 68,359, 68,358, 68
4190 DATA 352,151,353,151,350,151,351,151,349,150,353,150,389,150,385,152
4200 DATA 405,150,407,151,400,150,401,150,374, 54,375, 54,422, 54
4210 DATA 7, 7,452, 50,452, 51,425, 49,425, 50,372,147,373,147,999,999
4220 ウロ
4230 *STAR.
4240 DATA 415,440,419,455,405,475,395,485,389,491,384,495,382,499,387,502
4250 DATA 389,504,391,507,387,509,379,511,377,513,377,515,377,516,379,517
4260 DATA 378,517,379,519,381,521,352,522,345,523,340,523,328,524,316,523
4270 DATA 309,524,304,525,301,525,298,525,294,525,291,530,288,531,286,531
4280 DATA 283,532,281,531,278,530,275,529,273,528,271,528,269,526,267,525
4290 DATA 265,526,263,527,262,526,260,527,258,528,256,528,254,528,253,527
4300 DATA 251,528,249,521,247,521,245,521,243,520,241,521,239,520,237,518
4310 DATA 235,518,233,517,232,514,230,512,229,510,227,506,225,505,224,504
4320 DATA 222,503,221,501,219,499,217,482,216,481,214,472,212,471,210,471
4330 DATA 208,471,206,470,204,470,202,470,200,469,199,469,197,468,195,475
4340 DATA 193,489,191,505,189,513,187,516,185,518,183,520,182,520,180,521
4350 DATA 179,521,177,522,175,522,174,522,172,523,171,523,169,564,167,564

```

4360 DATA 166,562,164,559,163,555,162,552,160,550,159,547,158,565,156,565
4370 DATA 155,563,154,560,152,556,151,551,150,546,148,542,147,538,146,533
4380 DATA 145,559,144,556,144,550,143,542,142,538,141,538,140,539,139,542
4390 DATA 138,545,138,546,137,549,136,548,135,547,135,546,135,545,134,545
4400 DATA 134,545,134,546,134,546,133,546,133,547,133,548,133,548,133,548
4410 DATA 133,549,133,549,133,549,133,549,133,548,133,547,133,546,133,546
4420 DATA 133,545,133,544,133,543,134,542,134,540,135,539,135,538,136,536
4430 DATA 136,535,137,532,137,534,138,535,139,535,140,536,141,536,142,536
4440 DATA 143,536,144,536,145,536,146,535,147,535,156,533,158,532,161,532
4450 DATA 162,532,164,531,167,530,169,528,171,527,175,526,173,524,169,523
4460 DATA 165,521,161,519,157,517,153,514,149,512,145,510,142,507,139,505
4470 DATA 136,503,134,500,131,498,128,496,125,494
4480 '          ハック ノ ショリ
4490 RESTORE *STAR.:DEFINT A-Z:K=200:RANDOMIZE VAL(RIGHT$(TIME$,2))
4500 DIM X1(188),X2(188),BHX(200),BHY(200),BHC(200)
4510   FOR I=0 TO 188
4520     READ X1,X2
4530     X1(I)=X1:X2(I)=X2
4540   NEXT I
4550   FOR I=P TO K
4560     X=RND(1)*639:Y=RND(1)*199
4570     IF Y>10 THEN 4580 ELSE 4590
4580     IF X>X1(Y-11) AND X<X2(Y-11) THEN 4560
4590     C=RND(1)*6+1
4600     PSET(X,Y),C
4610     BHX(I)=X:BHY(I)=Y:BHC(I)=C
4620   NEXT I
4630   P=RND(1)*199
4640   X=BHX(P):Y=BHY(P):C=BHC(P):K=P
4650   PSET(X,Y),7:PSET(X,Y),C
4660   R=INP(4):H=INP(3):B=INP(2)
4670   IF R=251 THEN *R.
4680   IF H=254 OR B=251 THEN *H.
4690   GOTO 4650
4700 *R.
4710   XM=RND(1)*10+1:YM=RND(1)*5+1:M=RND(1)*1
4720   IF M<1 THEN M=-1
4730   X1=X+XM*M:Y1=Y+YM
4740   IF Y1<11 THEN 4770
4750   IF Y1>199 OR X1<0 OR X1>639 THEN PSET(X,Y),0:GOTO 4550
4760   IF X1>X1(Y1-11) AND X1<X2(Y1-11) THEN PSET(X,Y),0:GOTO 4550
4770   PSET(X1,Y1),C:PSET(X,Y),0:X=X1:Y=Y1:GOTO 4730
4780 *H.
4790   IF B=251 THEN W=10 ELSE W=60
4800   X1=RND(1)*160+1:Y1=RND(1)*80+1
4810   FOR I=0 TO X1*Y1/W
4820     X2=RND(1)*X1+X:Y2=RND(1)*Y1+Y
4830     IF Y2<11 THEN *H. THEN 4860
4840     IF Y2>199 OR X2>639 THEN *H. THEN 4880
4850     IF X2>X1(Y2-11) AND X2<X2(Y2-11) THEN 4880
4860     IF H=254 THEN C2=RND(1)*6+1 ELSE C2=0
4870     PSET(X2,Y2),C2
4880   NEXT I
4890   GOTO 4630
4900
4910 '-----
4920 ' C.G. No.006 「 ラム ト アタル 」
4930 '-----
4940 '-----
4950 '-----
4960 '-----
4970 ' [C] KEY ラ
4980 ' オシテ コ"ラン
4990 ' [H] KEY ラ オシテ ハ"ック ノ ホシ ラ チョウセツ シテ ク"サイ !!
5000 '
5010 ' テ"ター カ" オオイノテ" ツカレタ。 10日 クライ カカッタ ト オモワ。

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うる星やつら ラム

PC—8801/mk II

長山 裕

ヨリ目がかわいいラムちゃんのアップを！

この元絵はちょっと古い、「桃源郷」の回のハイキングスタイルのラムちゃんです。この回は、今人気のアニメーター、いのまたむつみさんと遠藤麻美さんが作画したことで特に絵のよい回でした。そのせいか、この回のラムちゃんを描いたCG作品もけっこう多いようです。

さて、長山君の作品ですが、色の使い方に特徴があるように思えます。特にラムちゃんの髪の毛の緑色と青の使い方です。ラムちゃんは、今でも最も

多く描かれてきたキャラクターですが、人によって髪の色は大きく変わったようです。この作品の場合、髪の色濃い部分をだいぶ明るくしてあり、背景の色とあいまって、CG全体が明るい感じに仕上がっています。

バックが1色だけなので少しさびしいですね。TVアニメの背景までは望まないとしても、色の具合や大きな柄の模様などを入れるとだいぶ感じがかわってきて、キャラクターがなおひきたってくるようになりますよ。

プログラムはかなり短いもので、非常によくまとまっていますね。

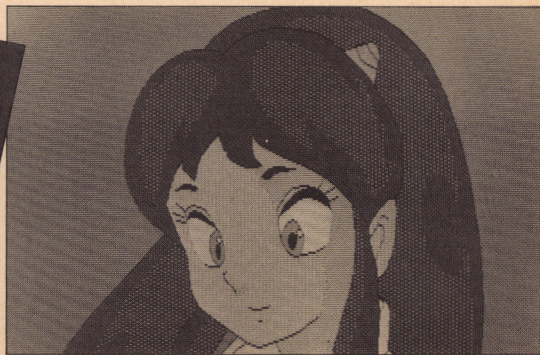
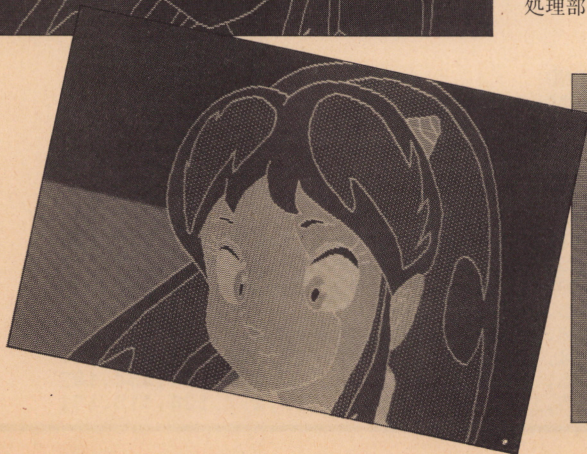
はじめのタイトルのところのコメントがおもしろく入っていますね。こういうところの遊び心も感じしますね。また、各処理部分の頭に入っ

ているコメントも、見やすくていいと思います。そして、きれいに字下げがされていて文句のつけようがありません。皆さんも、BASICでもなるべく美しくそろったプログラムを書くようにしてください。

このように文句のないシンプルなプログラムですが、その分データもシンプルで、ちょっとしたなりなさを感じます。プログラム本体はもうカンペキですから、あとはデータを目いっぱい入れるほうに力を注いで欲しいと思います。

画面の描き方もスタンダードなパターンとなっています。左の写真のように、まず白でトレスラインを描きあげます。

そして左下のように色ぬりを始めます。速度を気にする場合、TEXT画面をOFFにすると目だって速くなります。あとは、黒で目のラインや輪かく線を入れ、色のぬり分けラインを消してできあがりです。



うる星やつら ラム プログラムリスト

```

10  ILL.
20  LUM !!!
30
40  ジョ
50  PART 1 , No.001
60  Y.NAGAYAMA
70  1984年 (S.59年)
80  ノ ツクッタ
90  6月 3日
100  ショキ セツテイ
110  CLEAR:SCREEN 0,3:WIDTH 80,25:CONSOLE 0,25,0,1
120  FOR I=0 TO 7:COLOR=(I,I):NEXT I:COLOR 7,0,0,7:CLS 3:SCREEN ,0
130  メイン
140  *MAIN.
150  RESTORE
160  K=K+1
170  *READ.
180  READ X,Y
190  IF X<>Y OR X<999 AND X>7 THEN *LINE.
200  IF X<999 THEN 220
210  IF K=1 THEN *PAINT. ELSE *PSET.
220  IF K=1 THEN C=7 ELSE C=ABS(X)
230  IF C=6 THEN LS=30583 ELSE LS=-1
240  IF X<0 THEN *READ. ELSE *POINT.
250  LINE
260  *LINE.
270  LINE -(X,Y),C,,LS
280  GOTO *READ.
290  POINT
300  *POINT.
310  READ X,Y
320  POINT (X,Y)
330  GOTO *READ.
340  PAINT
350  *PAINT.
360  TILE
370  FOR I=1 TO 9
380  FOR J=0 TO 5
390  READ A
400  T$(I)=T$(I)+CHR$(A)
410  NEXT J
420  NEXT I
430  PAINTING
440  READ X,Y,C
450  IF X=999 THEN *MAIN.
460  IF C<1 THEN 490
470  PAINT(X,Y),T$(C),7
480  GOTO 440
490  PAINT(X,Y),ABS(C),7
500  GOTO 440
510  PSET
520  *PSET.
530  PSET(399,192),4
540  PSET(400,192),4
550  END
560  ライン テーター
570  リンカク
580  DATA 0, 0,192,113,215,140,215,142,216,149,217,155,220,159,225,164
590  DATA 229,167,281,185,288,186,291,187,294,187,324,182,338,179,355,173
600  DATA 361,171, 0, 0
610  カミ
620  DATA 211,136,200,131,186,125,177,122,168,118,160,113,154,108,150,104
630  DATA 147,100,145, 95,144, 88,145, 82,146, 74,149, 68,152, 63,155, 58
640  DATA 159, 54,163, 50,171, 44,178, 40,185, 37,193, 34,203, 31,212, 29
650  DATA 223, 28,237, 28,249, 29,255, 30, 0, 0
660  DATA 251, 35,255, 30,261, 27,268, 24,277, 21,284, 19,297, 17,315, 16
670  DATA 322, 16,341, 17,353, 18,364, 20,375, 23,387, 28,398, 33,408, 38
680  DATA 417, 43,426, 49,436, 58,445, 66,453, 75,454, 84,455, 94,454,102
690  DATA 450,107,445,109,440,109,435,111,428,115,422,119,417,124,418,131

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700 DATA 422,138,426,146,427,156,429,169,428,177,427,187,426,199, 0, 0
710 DATA 190,114,193,108,196,101,202, 94,208, 89, 0, 0
720 DATA 207, 81,208, 85,209, 92,214, 95,223, 99,225, 94,227, 90,230, 86
730 DATA 236, 82,242, 78,249, 75, 0, 0
740 DATA 250, 67,249, 71,250, 76,255, 82,259, 86,266, 89,275, 91,283, 92
750 DATA 289, 92,298, 91,291, 88,288, 85,287, 81,287, 74,291, 78,296, 80
760 DATA 304, 82,315, 85,329, 88,345, 91,357, 94,370, 98,383,103,395,109
770 DATA 406,115,416,123, 0, 0
780 DATA 399,112,401,122,402,128,402,133,401,140,400,147,397,154,394,161
790 DATA 389,167,386,173,382,180,377,187,374,194,375,199, 4, 4
800 DATA 408,118,409,124,410,132,411,140,412,151,411,159,408,165,405,171
810 DATA 401,177,398,183,395,188,393,194,403,189,406,188,398,194,396,199
820 DATA 4, 4
830 DATA 176,111,169,103,165, 96,162, 89,159, 81,159, 76,162, 79,162, 70
840 DATA 164, 63,168, 56,173, 50,181, 46,180, 51,185, 47,187, 44,192, 43
850 DATA 201, 37,209, 35,219, 34,226, 34,234, 36,243, 39,246, 43,246, 47
860 DATA 244, 52,239, 56,232, 61,226, 66,220, 70,215, 75,212, 77,210, 72
870 DATA 209, 65,204, 71,197, 78,192, 84,188, 90,184, 99,181,106,181,112
880 DATA 179,113,176,112, 4, 4
890 DATA 319, 23,331, 24,347, 26,363, 31,374, 36,383, 41,394, 47,406, 54
900 DATA 405, 47,401, 40,413, 48,417, 53,422, 59,425, 65,428, 71,426, 77
910 DATA 433, 69,437, 75,437, 80,436, 86,435, 91,431, 96,443, 86,446, 91
920 DATA 443, 96,436,101,428,106,422,108,416,100,408, 93,399, 88,386, 82
930 DATA 373, 76,360, 71,349, 67,343, 67,348, 73,354, 79,355, 82,354, 84
940 DATA 345, 82,333, 77,321, 73,308, 67,297, 60,291, 54,286, 48,285, 41
950 DATA 286, 36,289, 30,296, 26,306, 23,318, 23, 0, 0
960 DATA 233, 27,241, 22,251, 18,261, 14,276, 10,301, 6,334, 3,356, 2
970 DATA 391, 3,416, 6,434, 11,455, 18,471, 26,485, 35,493, 43,503, 54
980 DATA 517, 75,528, 99,538,130,541,150,542,170,541,180,539,192,536,199
990 DATA 4, 4
1000 DATA 316, 15,342, 10,369, 9,395, 11,418, 14,437, 20,451, 27,465, 34
1010 DATA 481, 45,494, 59,503, 71,512, 91,516,105,516,115,508,104,503,100
1020 DATA 495, 96,489, 95,484, 95,479, 98,477,106,476,117,477,127,480,135
1030 DATA 487,142,498,148,508,150,512,150,516,146,520,140,521,130,526,139
1040 DATA 528,148,529,156,530,165,531,183,530,194,526,199, 0, 0
1050 DATA 188,127,144,150,106,169, 80,184, 69,192, 65,199, 4, 4
1060 DATA 198,132,148,159,131,171,117,181,105,192,120,186,137,179,141,178
1070 DATA 144,178,145,181,144,188,141,194,137,199, 0, 0
1080 DATA 225,166,206,177,198,185,193,191,191,195,192,199, 4, 4
1090 DATA 238,171,219,182,213,188,210,193,210,197,211,199, 0, 0
1100 DATA 〃
1110 DATA 390, 29,422, 24,427, 25,429, 28,431, 32,425, 47, 0, 0
1120 DATA 417, 26,420, 29,424, 31,428, 34, 0, 0
1130 DATA 405, 27,409, 33,415, 36,427, 39, 0, 0
1140 DATA 〃
1150 DATA 258,178,242,189,235,194,230,199, 0, 0
1160 DATA 268,182,255,188,249,192,246,196,247,199, 0, 0
1170 DATA 278,185,268,188,264,190,264,192,267,199, 0, 0
1180 DATA 312,185,320,192,325,197,326,199, 0, 0
1190 DATA 321,195,312,199, 0, 0
1200 DATA 429,161,433,163,433,165,430,168, 0, 0
1210 DATA 429,160,436,163,440,167,438,189,428,194, 0, 0
1220 DATA 439,189,470,199, 0, 0
1230 DATA 〃
1240 DATA 447,110,448,116,447,124,445,132,442,139,437,145,432,149,428,150
1250 DATA 0, 0
1260 DATA 419,129,427,123,429,120,432,118,435,118,438,120, 0, 0
1270 DATA 429,123,432,123,434,127,432,131,430,135,425,140, 0, 0
1280 DATA 〃
1290 DATA 214,119,220,118,225,118,247,124,251,127,255,135,255,140,254,142
1300 DATA 249,144,241,144,233,143, -6, -6
1310 DATA 226,139,218,130,215,124,214,119, 0, 0
1320 DATA 214,119,217,116,222,115,229,116,246,123, 0, 0
1330 DATA 247,125,240,128,239,132,239,136,242,140,248,143, 0, 0
1340 DATA 247,133,246,134,246,136,247,139,249,140,250,140,251,137,251,134
1350 DATA 250,133,248,133, 0, 0
1360 DATA 251,129,249,128,247,129,247,131,250,132,253,131, 0, 0
1370 DATA 214,120,212,115,216,113,221,112,234,114,240,118, -6, -6
1380 DATA 248,124, 0, 0
1390 DATA 213,121,202,120, 0, 0
1400 DATA 211,118,199,116, 0, 0

1410 DATA 212,115,202,111, 0, 0
1420 DATA 201,104,209,103,215,103,223,104,226,103,223,102,217,101,210,101
1430 DATA 202,104, 0, 0
1440 ' ===== ミキ" X =====
1450 DATA 316,118,340,109,347,108,352,108,363,110,373,113,375,114, -6, -6
1460 DATA 375,114,376,118,375,124,373,131,368,134, 0, 0
1470 DATA 368,134,356,137,343,138,335,139,327,137,320,132,318,127,316,122
1480 DATA 317,118,322,113,335,106,343,104,351,103,356,103,365,105,371,108
1490 DATA 375,114, 0, 0
1500 DATA 318,129,323,124,327,121,333,120,337,121,341,124,344,127,345,130
1510 DATA 344,133,341,138, 0, 0
1520 DATA 331,127,334,127,337,129,336,132,335,134,332,135,328,134,327,131
1530 DATA 328,128,331,127,333,127, 0, 0
1540 DATA 342,125,338,125,336,126,338,128,339,129,345,128, 0, 0
1550 DATA 357,103,347,102,332,103,326,106,315,114, -6, -6
1560 DATA 315,114,315,118, 0, 0
1570 DATA 373,110,383,108, 0, 0
1580 DATA 369,106,379,103, 0, 0
1590 DATA 361,103,365,101,367, 98, 0, 0
1600 DATA 299, 96,306, 93,313, 92,336, 93,321, 94,312, 95,307, 98,302, 98
1610 DATA 297, 97, 0, 0
1620 ' ===== ハナ =====
1630 DATA 258,147,254,148,256,151,264,155,269,159, 6, 6
1640 DATA 263,154,279,155,283,156,279,158,274,159,270,159, 0, 0
1650 ' ===== クチ =====
1660 DATA 282,166,289,167,303,166,306,165, 0, 0
1670 DATA 293,173,297,173, 6, 6
1680 ' ===== キョウカイ セン =====
1690 DATA 289, 93,296,101,306,107,316,112, 6, 6
1700 DATA 357,138,365,141,368,146,369,150,369,156,367,162,364,168,361,171
1710 DATA 6, 6
1720 DATA 319,190,330,191,342,190,359,187,375,189, 7, 7
1730 DATA 292,188,283,192,282,194,285,199, 7, 7
1740 DATA 259,187,264,189,999,999
1750 ' ===== タイル =====
1760 DATA 73,255,187,148,255,238 : 'P\$(1)
1770 DATA 255,187,255,255,238,255 : 'P\$(2)
1780 DATA 64, 0, 85, 4, 0,170 : 'P\$(3)
1790 DATA 0, 0,187, 0, 0,238 : 'P\$(4)
1800 DATA 0,255, 68, 0,255, 17 : 'P\$(5)
1810 DATA 255, 68,187,255, 17,238 : 'P\$(6)
1820 DATA 255, 68,255,255, 17,255 : 'P\$(7)
1830 DATA 68,255,187, 17,255,238 : 'P\$(8)
1840 DATA 255, 0, 68,255, 0, 17 : 'P\$(9)
1850 ' ===== ハポイント =====
1860 DATA 261,102, 1,350,196, 1,441,116, 1,425,130, 1,258,195, -7
1870 DATA 273,195, -7,293,194, 2,271,185, 2,435,185, 2,430,164, 2
1880 DATA 399, 80, 3,217, 53, 3,199,157, 3,222,191, 3,470, 75, 3
1890 DATA 404,159, 3,276, 57, 4,276, 17, 4, 98,186, 4,205,186, 4
1900 DATA 414,182, 4,404, 32, -6,413, 32, -6,243,193, 5
1910 DATA 361,119, -7,224,124, -7,250,130, -7,341,127, -7,325,127, -5
1920 DATA 243,129, -5,233,116, 6,233,116, 7,324,109, 7,321, 99, 8
1930 DATA 370,103, 8,378,106, 8,271,157, 8,321,198, 8, 46,199, 9
1940 DATA 999,999,999
1950 '
1960 ' |
1970 ' | ハシ"メテ ツクッタ ラムチャン ノ C.G. |
1980 ' |
1990 ' | フ"ロク"ラム ヲ ツクルノニ 7日 クライ カカッテ シマッタ。 | イ タ"ケナラ 2時カン グ"ライテ" テ"キタヨ。 |
2000 ' |



うる星やつら ビューティフル ドリーマー ラム

PC-8801/mk II

大野純司

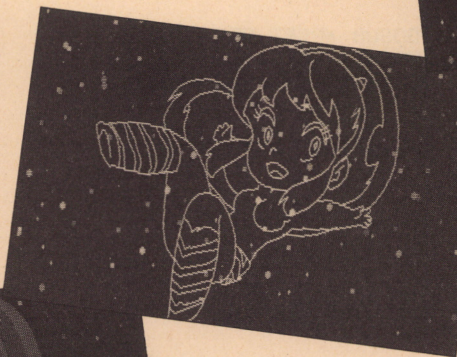
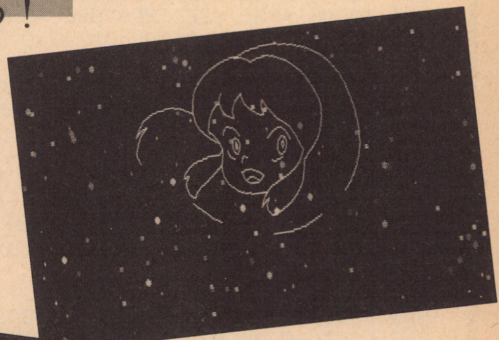
3頭身のかわゆいラムちゃんを描こう！

今回のCGには「ビューティフル ドリーマー」の中のカットが非常に多く集まりましたが、この元絵は映画の1シーンではなく、パンフレットに出ていたカットを引用しています。題材探したいへんなようですね。

プログラムはスタンダードなパターンのもので、データ部と本体がきっちり分かれています。

また、タイルの色と色のさかい目を消すところに苦心したとのことで、そのかいあって、とてもかわいらしいラムちゃんが描けています。〆

プログラムの流れとして、まず乱数で星の位置と大きさを変えて200個描いています。それが終わったあと、ラムちゃんの輪かくを描きはじめます。右の写真がちょうどその〆



作者のプロフィール

「最近CGの技術がアップしてすこ〜くびっくりしている今日このごろです。このプログラムを作るきっかけは、映画『ビューティフル ドリーマー』を見たからです。

それとPC-8801mk IIのV-RAMにラムちゃんのデータを入れてやりたいな〜と思ったからです。自分として自慢できる点はラインが細かいことではないでしょうか。最後にPC-8801はとてもよいコンピュータだと思います」

〆こうするとペイント時に星がうまくぬりつぶせます。

こうして左のようにできあがり。愛くるしい3頭身のラムちゃんがにっこりとほほえんでくれているでしょう。

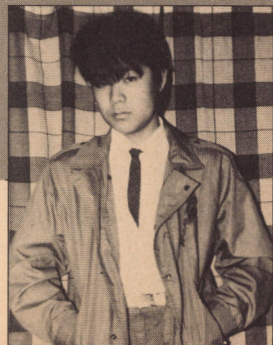
絵のセンスとしては文句なく、宇宙空間の感じがでてとてもきれいです。バックの星をただのドットにせず、サークルで描かせたこともGoodです。1ドットだと小さすぎてバックにはもの足りなくなってしまうたでしょう。

ところで、PC-8801のCIRCLEは半径が2のとき、なんとと四角い円を描いてしまいます。使用するときには注意してください。

〆ところ。

中央の写真はその途中ですが、ちょうどブラを描く寸前です。当然のことですが、この後ちゃんとブラを描いてしまいます。

トレスラインを白で描き終わったあと、着色に入りますが、このとき境界色を白にしておきます。さきほど、バックの星は白以外の色で描いたので、〆



うる星やつら ビューティフルドリーマー ラム プログラムリスト

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100 /
105 /
110 | Beautiful Dreamer LUM. for PC-8801/mk2 |
115 |
120 | Program by Junji Ohno. |
125 |
130 | June. 1984. |
135 /
140 /
145 *LUM.MAIN
150 CONSOLE 0,25,0,1:WIDTH 80,25:OUT 104,0:SCREEN 0,2:CLS 3:SCREEN 0,0
155 GOSUB *CIR.RND:S=&HFFFF:C=7:GOSUB *PSET.SET:RESTORE *BLACK.DATA1
160 C=7:GOSUB *BLACK.PAINT:GOSUB *SHADE.LINE:RESTORE *LUM.PAINT.DATA
165 GOSUB *LUM.TILE.READ:C=0:RESTORE *LUM.H.M.E.N:GOSUB *PSET.SET
170 RESTORE *CIR.DATA:GOSUB *CIR:GOSUB *CL.LINE:S=&HFFFF:C=7:RESTORE *LUM.Q
175 GOSUB *PSET.SET:RESTORE *LUM.BR:C=0:GOSUB *PSET.SET
180 RESTORE *LUM.PAINT.DATA2:C=0:GOSUB *LUM.TILE.READ:RESTORE *LUM.PAINT.DATA3
185 C=7:GOSUB *LUM.TILE.READ:C=0:RESTORE *BLACK.DATA2:GOSUB *BLACK.PAINT
190 RESTORE *LUM.BU.CL.DATA:GOSUB *PSET.SET:RESTORE *LUM.LUM:C=7
195 GOSUB *PSET.SET:RESTORE *LUM.PAINT.DATA4:GOSUB *LUM.TILE.READ
200 WIDTH 80,25:END
205 *SHADE.LINE
210 RESTORE *LUM.H.SHADE:GOSUB *PSET.SET
215 RESTORE *LUM.B.SHADE:GOSUB *PSET.SET
220 RESTORE *LUM.BO.SHADE:GOSUB *PSET.SET
225 RESTORE *LUM.EY.SHADE:GOSUB *PSET.SET
230 RETURN
235 *CL.LINE
240 RESTORE *LUM.H.SHADE:C=4:GOSUB *PSET.SET
245 RESTORE *LUM.B.SHADE:C=6:GOSUB *PSET.SET
250 RESTORE *LUM.BO.SHADE:C=6:S=&H5555:GOSUB *PSET.SET
255 RETURN
260 *PSET.SET
265 READ X,Y:IF X=-999 AND Y=-999 THEN RETURN
270 PSET(X,Y)
275 *LINE.WRITE
280 READ X,Y:IF X=0 AND Y=0 THEN GOTO *PSET.SET
285 LINE-(X,Y),C,,S
290 GOTO *LINE.WRITE
295 *BLACK.PAINT
300 READ X,Y:IF X=-9 AND Y=-9 THEN RETURN
305 PAINT(X,Y),0,C
310 GOTO *BLACK.PAINT
315 *CIR
320 READ X,Y,H,C:IF X=-88 AND Y=-88 AND H=-88 AND C=88 THEN RETURN
325 CIRCLE (X,Y),H,C
330 GOTO *CIR
335 *CIR.RND
340 FOR I=1 TO 200
345 X=RND*639
350 Y=RND*199
355 R=RND*3
360 C=INT(RND*6+1)
365 CIRCLE(X,Y),R,C
370 PAINT(X,Y),C
375 NEXT:RETURN
380 *LUM.H.M.E.N
385 DATA 327,14,345,10,368,8,384,8,408,10,429,14,447,20,456,25
390 DATA 467,33,473,40,478,49,482,60,483,72,482,82,478,90,471,98
395 DATA 463,105,453,111,0,0,349,18,345,16,336,14,323,13,309,15,299,17
400 DATA 291,19,283,22,272,27,266,32,263,36,261,41,260,47,262,54,266,58
405 DATA 271,61,278,65,290,69,0,0,279,61,284,63,290,68,294,73,294,77
410 DATA 291,82,290,86,291,91,296,96,302,99,309,102,319,104,332,105
415 DATA 348,105,0,0,279,62,278,60,280,55,282,52,288,46,295,43,298,43
420 DATA 0,0,302,36,299,39,298,43,301,48,305,51,313,53,316,54,315,50
425 DATA 316,47,321,42,327,39,330,38,330,40,332,44,336,47,344,51,349,53

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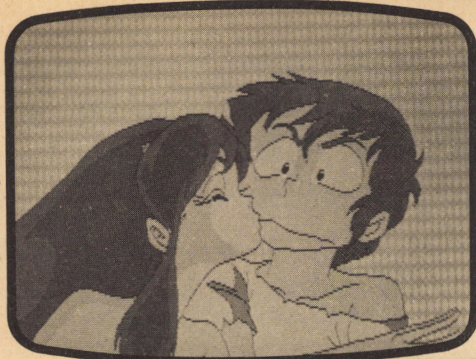
430 DATA 354,54,358,54,356,51,356,48,358,44,364,50,370,54,375,58,381,60
 435 DATA 390,64,396,70,399,74,402,78,405,81,401,85,398,88,394,90,388,93
 440 DATA 379,96,370,98,361,100,353,102,348,105,343,108,340,111,338,114
 445 DATA 345,110,349,109,345,113,345,116,350,120,353,120,364,118
 450 DATA 377,114,389,108,395,104,398,101,401,96,403,92,404,88,412,83
 455 DATA 420,79,426,75,430,71,433,67,436,61,437,55,436,49,432,44,429,40
 460 DATA 421,32,415,28,407,24,397,20,381,16,371,15,359,16,349,18
 465 DATA 0,0,294,73,291,76,287,77,275,77,253,80,244,83,238,86,236,89
 470 DATA 243,88,238,92,238,95,240,99,245,102,249,102,250,100,257,96
 475 DATA 267,93,280,88,290,84,0,0,180,76,176,71,176,68,180,62,186,56
 480 DATA 194,52,185,54,178,58,183,53,189,48,201,44,212,42,228,41,242,42
 485 DATA 260,47,0,0,244,106,258,112,269,117,276,119,280,120,0,0,349,132
 490 DATA 371,132,392,130,410,126,417,124,0,0,298,64,299,62,303,59
 495 DATA 305,59,311,60,316,62,320,66,0,0,358,70,367,66,374,64,378,64
 500 DATA 383,66,387,70,389,73,0,0,301,75,303,79,306,80,310,81
 505 DATA 0,0,360,85,363,86,375,84,0,0,314,67,311,68,309,71,309,74
 510 DATA 310,76,313,78,315,78,318,75,319,72,318,69,314,67,0,0,377,70
 515 DATA 373,72,372,74,370,78,371,81,374,82,379,81,381,79,383,76,383,74
 520 DATA 382,71,377,70,0,0,314,70,313,72,313,74,314,75,315,73,315,71
 525 DATA 314,70,0,0,379,73,377,74,376,76,377,78,379,76,379,74
 530 DATA 0,0,319,84,320,81,322,80,327,81,0,0,317,90,324,89,330,89
 535 DATA 341,92,346,94,341,97,336,98,329,98,323,97,319,94,316,90
 540 DATA 0,0,321,96,327,94,331,94,340,97,0,0,299,62,300,58,303,56
 545 DATA 308,55,311,55,317,58,320,62,320,66,0,0,358,70,363,64,367,62
 550 DATA 373,61,379,61,386,64,390,69,391,73,391,74,389,73,0,0,301,57
 555 DATA 298,56,296,54,0,0,299,60,295,59,293,57,0,0,298,62,295,62
 560 DATA 292,61,0,0,382,65,386,64,391,62,0,0,385,67,391,66,393,65
 565 DATA 0,0,388,71,392,70,397,68,0,0,298,51,301,48,304,48,309,50
 570 DATA 0,0,353,51,358,51,365,53,0,0
 575 *LUM.B
 580 DATA 248,112,243,105,238,99,229,91,219,85,207,81,193,78,184,76
 585 DATA 169,75,150,74,136,74,109,76,100,77,96,76,93,76,89,78,90,81
 590 DATA 94,87,100,95,106,99,113,103,116,102,139,104,163,105,201,101
 595 DATA 0,0,189,102,191,132,193,139,196,145,200,149,205,152,211,155
 600 DATA 0,0,248,112,243,112,234,113,229,115,224,118,220,122,217,128
 605 DATA 213,140,211,150,210,168,211,181,211,190,209,192,209,194
 610 DATA 214,196,226,195,234,193,243,190,248,187,253,182,258,174
 615 DATA 264,163,266,150,266,142,265,136,263,129,264,125,0,0,247,112
 620 DATA 258,114,265,117,274,123,281,130,287,138,289,147,289,154
 625 DATA 285,160,279,164,271,166,262,167,0,0,275,124,281,121,280,118
 630 DATA 280,116,282,112,285,110,290,108,299,107,309,106,309,104
 635 DATA 0,0,284,111,278,109,273,107,267,103,260,95,0,0,249,82,247,79
 640 DATA 244,79,243,78,244,76,244,74,245,73,248,73,247,72,248,70,250,70
 645 DATA 253,71,255,68,258,68,261,70,0,0,254,76,254,75,257,73,261,70
 650 DATA 263,69,265,69,265,71,265,75,266,77,0,0,265,75,269,76,273,77
 655 DATA 275,78,0,0,329,105,326,107,0,0,389,109,403,108,421,110,435,112
 660 DATA 443,110,447,109,448,110,445,113,446,114,444,116,439,117
 665 DATA 0,0,445,112,451,111,454,110,456,110,457,112,451,115,458,115
 670 DATA 460,116,460,117,455,117,459,118,460,119,458,120,452,119
 675 DATA 457,121,454,122,446,121,425,124,405,126,386,127,359,128
 680 DATA 349,133,339,136,330,138,323,141,316,145,312,149,309,152
 685 DATA 310,154,306,157,299,161,296,162,301,162,289,165,280,167
 690 DATA 272,166,0,0,288,142,294,144,303,148,310,152,0,0,217,129
 695 DATA 223,131,228,135,229,137,236,134,239,134,236,136,245,133
 700 DATA 253,133,265,136,0,0,200,101,203,96,203,90,199,85,185,76
 705 DATA 0,0,176,76,184,80,190,86,193,90,193,93,190,99,184,103
 710 DATA 0,0,181,103,186,96,187,91,186,88,180,84,173,80,167,75
 715 DATA 0,0,148,75,154,79,161,83,166,87,170,91,173,96,173,100,171,104
 720 DATA 0,0,164,105,167,101,165,96,161,91,158,87,155,85,152,82,147,78
 725 DATA 141,74,0,0,129,75,134,79,141,84,146,90,150,94,153,98,152,105
 730 DATA 0,0,146,104,146,99,143,93,136,88,132,84,130,81,124,75
 735 DATA 0,0,107,76,114,80,120,84,127,89,130,94,132,100,133,104
 740 DATA 0,0,125,103,125,97,123,92,119,86,116,83,112,80,104,77
 745 DATA 0,0,214,139,223,148,229,146,230,147,247,144,257,142,263,140,265,141
 750 DATA 0,0,265,146,234,150,221,153,218,150,213,145,0,0,211,154
 755 DATA 215,157,220,160,252,156,259,154,266,151,0,0,265,158,233,163
 760 DATA 220,165,210,162,0,0,210,167,223,172,263,165,0,0,260,170
 765 DATA 234,174,221,176,210,173,0,0,212,178,218,183,221,183,223,181
 770 DATA 232,182,256,177,0,0,255,179,223,187,219,188,211,185

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775 DATA 0,0,94,87,98,81,101,81,105,84,109,90,113,97
780 DATA 0,0,293,144,297,147,299,150,301,155,305,149,0,0,297,162
785 DATA 297,155,295,151,289,149,0,0,287,158,290,162,292,164
790 DATA 0,0,284,161,281,167,0,0,345,129,348,126,348,124,352,124
795 DATA 355,123,0,0,321,112,315,113,311,115,309,117
800 *LUM.T.E
805 DATA 0,0,418,30,431,29,434,30,434,31,431,36,428,39,0,0,425,30
810 DATA 428,32,432,34,0,0,414,83,418,81,420,81,422,83,423,86,423,89
815 DATA 422,92,417,96,411,99,405,101,403,101,400,100,0,0,402,96
820 DATA 406,95,410,95,412,92,412,91,411,89,0,0,407,91,411,89,414,87
825 DATA 417,86,0,0
830 *LUM.Q
835 DATA 309,117,307,121,308,124,311,127,316,129,325,131,332,131
840 DATA 339,130,343,129,0,0,-999,-999
845 *LUM.H.SHADE
850 DATA 342,15,358,13,370,12,382,12,408,15,430,21,443,28,449,33
855 DATA 455,40,458,47,461,55,461,59,459,58,456,58,452,60,448,65
860 DATA 445,71,444,77,444,81,445,83,449,84,456,83,460,81,458,86
865 DATA 455,90,451,93,448,95,453,94,450,97,445,101,435,106,424,109
870 DATA 422,109,0,0,262,50,252,49,244,48,238,48,219,51,211,54,206,57
875 DATA 201,61,200,64,207,62,205,66,203,71,203,74,207,80,209,81
880 DATA 0,0,362,21,359,23,358,26,360,33,365,39,374,46,387,54,391,56
885 DATA 392,51,392,45,398,50,403,56,406,64,407,73,407,79,413,75
890 DATA 421,70,425,67,429,62,429,60,423,62,427,57,429,53,429,49
895 DATA 427,51,420,55,425,49,425,46,424,40,421,38,419,42,417,43
900 DATA 414,35,409,29,404,26,398,23,401,32,396,28,390,23,384,21
905 DATA 377,19,370,19,362,21,0,0,319,24,312,26,298,30,290,33,286,36
910 DATA 286,33,281,36,276,41,273,46,273,49,275,56,269,51,267,46
915 DATA 268,41,271,35,275,32,281,28,275,29,284,24,295,20,308,17
920 DATA 318,16,324,16,330,18,331,20,327,22,319,24,0,0,404,87,399,90
925 DATA 390,94,380,97,368,100,362,102,370,102,364,105,360,108,356,111
930 DATA 353,115,353,119,0,0,294,76,291,78,282,79,273,80,263,81,254,83
935 DATA 250,86,257,85,253,88,250,91,248,95,248,98,251,102,0,0,248,103
940 DATA 253,105,259,108,266,110,273,112,280,113,0,0,-999,-999
945 *LUM.B.SHADE
950 DATA 111,94,114,96,119,97,153,98,185,97,203,96,0,0,253,134
955 DATA 251,147,249,162,247,167,243,172,237,178,231,183,224,189
960 DATA 220,192,219,193,220,195,224,196,0,0,-999,-999
965 *LUM.BO.SHADE
970 DATA 262,70,259,72,256,74,255,76,257,78,258,79,0,0,292,90
975 DATA 285,91,280,94,279,96,280,98,283,100,288,102,296,104,306,105
980 DATA 310,105,0,0,320,103,325,107,0,0,330,104,338,107,342,111
985 DATA 0,0,404,108,397,110,389,112,382,115,382,116,384,118,391,119
990 DATA 403,119,433,116,440,114,446,113,448,113,452,115,452,116
995 DATA 452,118,448,120,0,0,202,95,206,96,208,98,210,103,214,108
1000 DATA 218,111,223,114,228,116,0,0,252,134,253,128,254,125,256,123
1005 DATA 260,122,262,122,269,124,275,129,283,138,287,149,288,160
1010 DATA 0,0,347,116,344,120,340,123,332,126,326,127,321,127,325,128
1015 DATA 325,130,321,133,316,137,311,140,307,144,302,148,0,0,358,54
1020 DATA 358,56,360,59,364,62,367,63,0,0,374,85,376,87,377,90,376,93
1025 DATA 373,96,369,98,0,0,-999,-999
1030 *LUM.EY.SHADE
1035 DATA 299,65,298,68,298,70,299,73,302,76,0,0,321,67,321,70
1040 DATA 320,74,318,77,315,80,311,81,0,0,360,69,357,72,356,76,357,81
1045 DATA 360,84,362,86,0,0,375,84,383,82,386,80,389,77,390,74,390,72
1050 DATA 0,0,-999,-999
1055 *LUM.TILE.READ
1060 READ C$
1065 TILE$=""
1070 FOR I=1 TO LEN(C$) STEP 2
1075   TILE=VAL("&H"+MID$(C$,I,2))
1080   TILE$=TILE$+CHR$(TILE)
1085 NEXT
1090 *LUM.TILE.PAINT
1095 READ X,Y
1100 IF X=0 AND Y=0 THEN *LUM.TILE.READ ELSE IF X=-99 AND Y=-99 THEN RETURN
1105 PAINT(X,Y),TILE$,C
1110 GOTO *LUM.TILE.PAINT
1115 *LUM.PAINT.DATA

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1120 DATA 55FFFFFFF, 330,50,260,75,295,100,400,115,300,115,230,110,230,130,
 453,112,454,116,453,121,0,0
 1125 DATA 55FF55AAFFAA, 370,58,385,85,420,85,325,106,340,107,340,126,200,126,
 270,130,250,75,280,90,391,68,0,0
 1130 DATA 0000FF0000FF, 200,50,350,30,450,30,390,100,270,115,245,100,300,18,
 385,128,0,0
 1135 DATA 0000AA000055, 290,30,390,30,440,30,353,110,260,90,230,70,255,100,
 0,0
 1140 DATA 00FFFF00FFFF, 200,90,180,90,150,90,130,90,120,90,230,140,230,155,
 230,167,230,178,220,190,0,0
 1145 DATA 00AAAA005555, 198,99,180,100,160,101,135,101,120,100,261,139,
 260,150,261,161,257,173,248,185,301,157,286,162,
 427,35,427,30,0,0
 1150 DATA FF55AAFFAA55, 310,58,380,63,385,66,388,69,0,0
 1155 DATA FFFFFFFF, 305,75,360,75,0,0
 1160 DATA FF0000FF0000, 312,75,373,75,0,0
 1165 DATA 00AA00005500, 340,95,0,0
 1170 DATA 00FF0000FF00, 330,96,-99,-99
 1175 *LUM.BR
 1180 DATA 297,107,301,109,303,112,303,114,306,112,312,116,320,115
 1185 DATA 327,116,335,118,329,118,333,120,336,122,340,125,341,128
 1190 DATA 342,132,342,136,0,0,330,138,326,133,317,128,309,124,302,122
 1195 DATA 292,121,280,121,0,0,282,112,287,114,293,116,299,118,303,118
 1200 DATA 293,118,286,117,280,116,0,0,285,110,291,113,297,114,301,115
 1205 DATA 300,112,296,110,293,108,0,0,308,121,314,123,320,125,327,129
 1210 DATA 332,131,340,133,331,132,321,130,0,0,308,123,308,121
 1215 DATA 0,0,313,118,323,119,328,120,332,122,335,124,340,126
 1220 DATA 0,0,342,129,338,129,332,127,325,124,320,121,314,118,0,0,-999,-999
 1225 *LUM.PAINT.DATA2
 1230 DATA 00FFFF00FFFF, 309,118,300,110,-99,-99
 1235 *LUM.PAINT.DATA3
 1240 DATA FFFFFFFF, 313,70,376,73,-99,-99
 1245 *BLACK.DATA1
 1250 DATA 230,149,252,159,230,173,250,179,-9,-9
 1255 *BLACK.DATA2
 1260 DATA 295,111,290,116,322,120,322,128,-9,-9
 1265 *CIR.DATA
 1270 DATA 313,70,2,7,376,73,2,7,-88,-88,-88,-88
 1275 *LUM.BU.CL.DATA
 1280 DATA 191,97,185,97,0,0,173,97,166,98,0,0,154,98,145,98
 1285 DATA 0,0,131,97,124,97,0,0,251,143,251,148,0,0,250,156,249,161
 1290 DATA 0,0,247,167,242,173,0,0,233,182,227,187,0,0,-999,-999
 1295 *LUM.LUM
 1300 DATA 429,166,429,186,430,187,433,188,469,188,472,187,473,186
 1305 DATA 473,181,471,180,469,179,450,179,448,178,448,166,446,165
 1310 DATA 432,165,429,166,0,0,473,166,473,186,475,187,478,188,508,188
 1315 DATA 510,187,511,186,511,166,510,165,496,165,495,166,495,179
 1320 DATA 493,180,492,180,490,179,490,166,488,165,476,165,473,166
 1325 DATA 0,0,520,166,520,187,521,188,537,188,538,187,538,179,545,183
 1330 DATA 547,184,554,179,554,187,555,188,572,188,573,187,573,166
 1335 DATA 571,165,557,165,556,166,547,170,537,165,523,165,520,166
 1340 DATA 0,0,-999,-999
 1345 *LUM.PAINT.DATA4
 1350 DATA 22FF2288FF88, 440,180,480,180,545,180,-99,-99



うる星やつら ビューティフル・ドリーマー ロづけ

PC—8801/mk II

木戸正泰

ラムのキスでタジタジあたる!!

「ビューティフルドリーマー」の中の絵です。この別冊の中の長山裕君の作品も元絵は同じなんですよ。

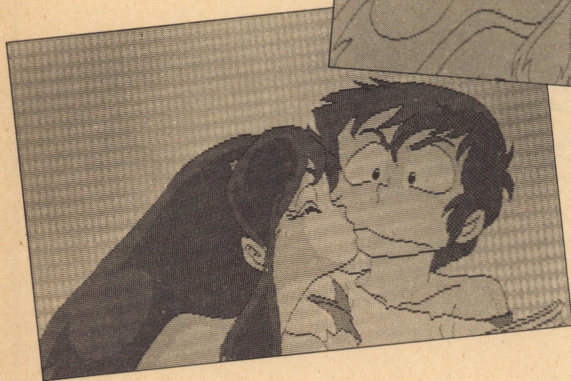
この作品では横長の絵に横ジマのバックで処理されています。それによって、とても動きが感じられるのですが、よけい、横に長く見える絵となっていました。あたるのタジタジの雰囲気を見ると、縦ジマのバックのほうが、全体的なバランスがとれていてよかったように思うのですが、どうでしょうか？

全体的なプログラムは洗練されたものであり、キレイにまとめてあります。

▼ラムちゃんは、目を大きく見開いて、笑顔でキスしているところを描いてほしかった。また、バストアップにするのだったら、もっと画面の上いっぱいまで、人物を描いたほうがよいでしょう!!



せっかく、ラムの甘いキスなんだから、もっと可愛いかったらなあ! 表情がいまひとつ。髪形でラムとわかるけど顔だけ見ると誰だかよくわかりにくい。あたるの表情はいいところを描こうとしているのだけど、いまいち固いですね、楽に作ろうよ。



▲あたるの表情がなんともいえずおかしいね。この構図だったら、手はいらないかっただように思うのですが!!

作者のプロフィール

「このCGを作るのに苦労した点工夫した点は、中間色どうしの境界線の消し方などです」

やはり、みんなCGを描くときに、中間色どうしの境界線の消し方etoに苦労し、うまく処理しようという工夫をしているようです!!

……17才の木戸君でした。

いまのままだと、右下にある手がなぜかアンバランスで、なんだかよくわかりません。

それから、くどいようですが、ラムちゃんは、やっぱり体を描かなくっちゃ!! 少なくとも胸だけは全部描いてほしかった。

バックの面積が広すぎるんだよね。キャラクターが小さいし、背景のパターンも細かいので多少うるさくなりすぎました。次回はもっと、構図の研究をして下さい。同じものでも構図次第でもっとインパクトのある画面ができるはずですよ。どうせ作るならかわいいラムちゃんにしようよ。マニアックに!

うる星やつら ビューティフル・ドリーマー ロブケ プログラムリスト

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100 '
110 '----- ショキ セッタイ
120 '
130 CONSOLE 0,25,0,1:SCREEN 0,0:COLOR 2,7:CLS 3:COLOR 3,0
140 FOR I=0 TO 7:COLOR=(I,I):NEXT I
150 WINDOW(0,0)-(639,199):RESTORE
160 READ S$:IF S$='0' THEN 180 ELSE S=VAL(S$):ON S GOSUB 310,370,430,480,550
170 GOTO 160
180 RESTORE 980:C1=4:C2=4:GOSUB 370
190 RESTORE 1140:C1=6:C2=7:GOSUB 370
200 RESTORE 1220:C1=6:C2=7:GOSUB 370
210 RESTORE 1890:C1=7:C2=7:GOSUB 370
220 RESTORE 1940:C1=2:C2=0:GOSUB 370
230 RESTORE 1990:C1=6:C2=3:GOSUB 370
240 RESTORE 2100:C1=5:C2=0:GOSUB 370
250 CIRCLE(424,93),1.5,7:PAINT(424,93),7,7:CIRCLE(424,93),1.5,0
260 CIRCLE(462,97),1.5,7:PAINT(462,97),7,7:CIRCLE(462,97),1.5,0
270 END
280 '
290 '----- LINE SUB
300 '
310 READ C
320 READ X,Y:IF X=999 AND Y=999 THEN RETURN ELSE PSET (X,Y),C
330 READ X,Y:IF X=-1 AND Y=-1 THEN 320 ELSE LINE-(X,Y),C:GOTO 330
340 '
350 '----- LINE SUB 2
360 '
370 READ X,Y:X1=X:Y1=Y:IF X=999 AND Y=999 THEN RETURN ELSE PSET (X,Y),C1
380 READ X,Y:IF X=-1 AND Y=-1 THEN 370 ELSE LINE-(X,Y),C1,,&HAAAA
390 PSET(X1,Y1),C2:LINE-(X,Y),C2,,&H5555:X1=X:Y1=Y:GOTO 380
400 '
410 '----- PAINT SUB
420 '
430 READ C
440 READ X,Y,C3:IF X=999 AND Y=999 THEN RETURN ELSE PAINT(X,Y),C3,C:GOTO 440
450 '
460 '----- TILE PAINT SUB
470 '
480 READ C,B1$,R1$,G1$,B2$,R2$,G2$
490 B1=VAL("&H"+B1$):R1=VAL("&H"+R1$):G1=VAL("&H"+G1$)
500 B2=VAL("&H"+B2$):R2=VAL("&H"+R2$):G2=VAL("&H"+G2$)
510 TILE$=CHR$(B1)+CHR$(R1)+CHR$(G1)+CHR$(B2)+CHR$(R2)+CHR$(G2)
520 READ X,Y:IF X=999 AND Y=999 THEN RETURN ELSE PAINT(X,Y),TILE$,C:GOTO 520
530 '
540 '----- BACK TILLING SUB
550 TILE$=""
560 FOR I=1 TO 8
570 READ B$,R$,G$
580 B=VAL("&H"+B$):R=VAL("&H"+R$):G=VAL("&H"+G$)
590 TILE$=TILE$+CHR$(B)+CHR$(R)+CHR$(G)
600 NEXT
610 READ C,X,Y:IF X=999 AND Y=999 THEN RETURN ELSE PAINT(X,Y),TILE$,C:GOTO 610
620 '----- LUM LINE DATA 1
630 DATA 1,0
640 DATA 0,191, 9,181, 23,169, 49,151, 60,146, 77,139, 98,131,115,123
650 DATA 139,114,183, 95,201, 85,216, 79,239, 73,262, 69,280, 67,301, 68
660 DATA -1, -1,237,192,233,188,233,184,237,177,232,181,228,188,228,182
670 DATA 232,175,240,169,258,158,275,148,284,141,290,135,293,129,293,128
680 DATA -1, -1,277,120,267,113,259,104,257, 99,257, 95,260, 90,273, 80
690 DATA 285, 74,301, 68,307, 66,320, 65,335, 65,345, 66,355, 70,370, 78
700 DATA 371, 82,369, 87,364, 92,359, 95,352, 97,356, 93,357, 88,355, 84
710 DATA 351, 81,350, 85,337, 97,325,105,312,113,306,118,304,121,311,118
720 DATA 304,124,300,133,298,140,299,150,300,164,299,174,297,184,295,189
730 DATA 292,194,288,199,291,194,293,185,288,194,283,199, -1, -1,370, 78

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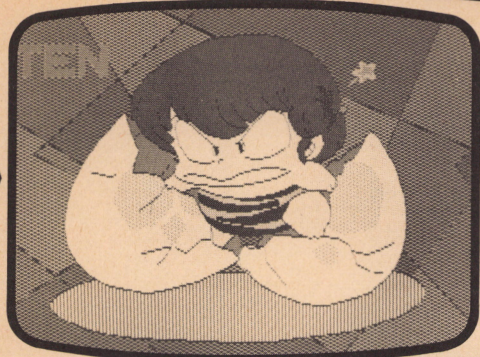
740 DATA 380, 83,384, 87,386, 89,385, 92,383, 90,381, 88,382, 92,381, 95
750 DATA 378, 98,370,102, -1, -1,347, 88,351, 88,357, 89, -1, -1,347, 88
760 DATA 351, 90,356, 92, -1, -1,367, 89,370, 96,370,105,371,107,373,108
770 DATA 379,109,384,109,386,110,385,114,386,117,393,119,391,122,394,125
780 DATA 394,126,392,128,394,132,393,134,390,136,375,140,362,142,348,144
790 DATA 340,146,330,151,322,156,313,162,299,174, -1, -1,353, 96,349, 96
800 DATA 341, 98,336,101,332,105,331,107, -1, -1,354, 99,355,103,355,105
810 DATA -1, -1,327,113,338,108,343,105,349,105,354,107,355,108,354,109
820 DATA -1, -1,322,113,327,113,334,112,342,109,346,108,349,108,359,111
830 DATA 349,110,327,113, -1, -1,333,112,320,111, -1, -1,335,110,320,108
840 DATA -1, -1,371,106,374,106,382,104, -1, -1,255,159,248,160,243,160
850 DATA 228,159,209,156,200,155,192,155,186,156,177,159,164,165,144,176
860 DATA 127,187,110,199, -1, -1,287,138,278,136,273,134,269,131,268,129
870 DATA 267,121,269,119,277,120,285,123,291,126,293,129, -1, -1,290,135
880 DATA 284,134,278,131,274,128,275,126,278,125, -1, -1,271,126,271,125
890 DATA 273,124,274,124,278,125,286,129,287,130,280,129,278,131, -1, -1
900 DATA 304,170,310,172,319,173,331,173,336,174,340,175,346,179,352,185
910 DATA 358,199, -1, -1,330,190,326,193,326,195,332,199, -1, -1,193,189
920 DATA 186,194,177,199, -1, -1,198,194,194,196,190,199, -1, -1,202,196
930 DATA 193,199, -1, -1,207,197,203,199, -1, -1,237,192,249,192,264,194
940 DATA 273,195,281,195,280,197,273,199, -1, -1,275, 79,264, 80,265, 86
950 DATA -1, -1,265, 83,269, 80, -1, -1,999,999
960 ' LUM LINE DATA 2
970 DATA 1,0
980 DATA 25,199, 28,193, 35,185, 49,176, 41,177, 35,179, 28,183, 32,178
990 DATA 45,167, 56,159, 65,154, 73,151, 70,155, 67,163, 69,166, 76,171
1000 DATA 84,173, 95,174,110,173,130,168,141,164,154,155,162,147,165,142
1010 DATA 165,137,162,133,155,130,145,129,127,130,158,115,192, 96,205, 90
1020 DATA 219, 85,245, 78,263, 74,279, 72,289, 72, -1, -1,249,192,247,187
1030 DATA 247,183,249,178,243,181,239,185,242,179,245,174,250,170,259,164
1040 DATA 278,153,286,147,292,142,295,133,295,129,293,126,285,119,277,114
1050 DATA 271,109,263,100,262, 97,262, 95,266, 91,272, 88,271, 91,271, 93
1060 DATA 274, 97,275, 92,278, 87,284, 81,290, 77,297, 74,310, 71,319, 70
1070 DATA 327, 70,333, 72,337, 75,339, 80,339, 84,338, 87,326, 96,328, 91
1080 DATA 325, 94,321, 99,309,111,309,107,314, 98,307,105,303,111,295,133
1090 DATA 292,144,290,153,290,164,292,171,291,176,289,181,284,187,284,183
1100 DATA 283,181,280,187,273,194, -1, -1,371, 84,375, 86,378, 89,379, 92
1110 DATA 375, 89,376, 92,374, 96,370, 99, -1, -1,999,999
1120 ' LUM LINE DATA 3
1130 DATA 1,0
1140 DATA 352, 91,348, 93,344, 96,343, 97, -1, -1,343, 98,339,103,338,107
1150 DATA 341,111,339,116,339,120,343,126,350,131,369,137,381,138, -1, -1
1160 DATA 345,144,327,144,319,145,312,147,300,151, -1, -1,242,167,237,167
1170 DATA 221,164,215,163,206,163,196,164,186,167,166,176,155,183,140,194
1180 DATA 135,199, -1, -1,385,111,380,113,379,114,379,115,383,117,385,117
1190 DATA -1, -1,393,126,387,127,386,128,392,130, -1, -1,999,999
1200 ' LUM LINE DATA 4
1210 DATA 1,0
1220 DATA 254,199,236,198,207,197,202,196,198,194,200,192,204,191,214,190
1230 DATA 230,191,237,192,249,195,263,199, -1, -1,999,999
1240 ' ATARU LINE DATA 1
1250 DATA 1,0
1260 DATA 352, 68,353, 65,361, 70,368, 73,363, 67,363, 62,360, 58,375, 56
1270 DATA 390, 55,382, 54,370, 53,384, 50,399, 49,414, 49,427, 50,418, 48
1280 DATA 409, 45,428, 48,446, 50,437, 48,427, 44,450, 48,470, 49,484, 50
1290 DATA 508, 54,530, 59,539, 62,547, 66,558, 75,562, 82,564, 88,563, 93
1300 DATA 568, 90,572, 86,572, 89,569, 94,562, 99,561,100,566,104,568,107
1310 DATA 567,110,564,114,560,116,561,113,559,109,555,107,554,114,552,118
1320 DATA 548,122,540,126,529,129, -1, -1,384, 87,385, 73, -1, -1,381, 75
1330 DATA 385, 73,398, 66,404, 64,410, 63,404, 67,400, 71,400, 72,403, 75
1340 DATA 403, 74,408, 70,421, 65,431, 63,449, 61,460, 60,452, 64,444, 67
1350 DATA 436, 69,428, 71,439, 71,460, 69, -1, -1,475, 65,460, 69,450, 73
1360 DATA 444, 77,441, 80,441, 84,442, 88,446, 92,446, 86,448, 83,456, 79
1370 DATA 466, 76,480, 74,499, 74,483, 77,496, 77,511, 75,509, 77,500, 79
1380 DATA 509, 80,512, 80,532, 77,519, 82,514, 85,511, 88,510, 91,511, 94
1390 DATA 512, 91,520, 87,533, 83,524, 88,516, 95,512,102,512,104,516,109
1400 DATA 505,111,496,114,491,117,488,120,493,118,500,116,509,115,499,118

1410 DATA 494,121,491,126,491,129,495,126,493,131,488,137,496,134,506,129
1420 DATA 514,122,523,119,528,118,533,119,534,121,532,125,529,129,523,132
1430 DATA 514,134,507,135,503,135,498,133, -1, -1,510,126,516,125,521,124
1440 DATA 528,122, -1, -1,507,131,515,130,522,127,523,125,521,124, -1, -1
1450 DATA 522,133,521,136,516,139,510,141,506,141, -1, -1,508,138,506,141
1460 DATA 499,143,492,143, -1, -1,495,140,492,143,486,145,481,145, -1, -1
1470 DATA 486,141,481,145,473,147,469,147, -1, -1,409, 73,415, 71,425, 71
1480 DATA 433, 73,435, 75,437, 78,441, 81,438, 83,435, 82,432, 79,430, 75
1490 DATA 427, 73,422, 72,415, 72,409, 73, -1, -1,458, 81,458, 82,460, 85
1500 DATA -1, -1,462, 82,462, 83,464, 84,470, 84,482, 82,491, 81,499, 81
1510 DATA 510, 85,505, 82,499, 80,495, 79,489, 78,482, 79,470, 81,462, 82
1520 DATA -1, -1,433, 80,426, 78,421, 78,416, 79,408, 81,396, 85,390, 89
1530 DATA 388, 91,388, 93,389, 96,394, 98,396, 99,417, 98, -1, -1,418, 95
1540 DATA 418, 96,419, 97,423, 97,426, 95,426, 93,425, 92,422, 92,420, 93
1550 DATA 418, 95, -1, -1,482, 82,488, 83,493, 84,499, 87,504, 91,506, 96
1560 DATA 506, 99,505,102,502,105,500,106,493,108,485,108,478,107,464,104
1570 DATA 460,103,456,103, -1, -1,456,100,457, 98,459, 96,464, 96,464, 99
1580 DATA 461,101,457,101,456,100, -1, -1,435, 98,434,100,432,101,426,100
1590 DATA 424,100,421,103,422,105,422,108,419,110, -1, -1,392,122,407,122
1600 DATA 409,123,418,126,426,128,438,130,452,131,461,133,466,133,473,135
1610 DATA -1, -1,394,132,408,137,443,138,474,137,488,136,491,134, -1, -1
1620 DATA 408,137,405,143,403,146,399,150, -1, -1,477,137,470,144,467,149
1630 DATA 466,152, -1, -1,405,143,397,143,391,144,383,144,374,142,370,141
1640 DATA -1, -1,363,145,371,150,375,153,377,156,378,164,381,161,383,158
1650 DATA -1, -1,376,148,378,151,378,154,377,156, -1, -1,365,158,356,156
1660 DATA 346,154,340,153,333,154,333,155,344,157,349,157,360,159,374,163
1670 DATA 378,165,380,167,379,170, -1, -1,377,168,379,170,384,175,387,179
1680 DATA 382,182, -1, -1,381,178,387,179, -1, -1,346,179,350,176,350,172
1690 DATA 357,175,358,175,367,172,372,174,375,174,381,178,382,182,382,187
1700 DATA 385,194, -1, -1,357,196,373,194,404,194,431,193,454,191,477,188
1710 DATA 497,185,511,184,537,180,551,178,570,176,582,174,592,172,598,170
1720 DATA 603,169,605,170, -1, -1,533,185,538,182,542,182,556,180,571,178
1730 DATA 590,175,600,172,605,170,607,171,607,172,604,175,601,176,595,178
1740 DATA 573,182,554,186, -1, -1,546,186,554,187,566,187,578,186,590,184
1750 DATA 606,181,608,182,607,184,603,186,594,188,582,190,565,192,555,193
1760 DATA 551,195,557,197,573,196,589,195,591,196,587,199, -1, -1,469,147
1770 DATA 483,150,493,151,524,152,532,153,540,156,545,162,547,172,547,174
1780 DATA -1, -1,401,144,391,146,388,147,387,149,388,151,393,151,397,153
1790 DATA 404,157,407,158,417,162,417,164,424,163,431,165,438,165,447,167
1800 DATA 463,168,464,172,470,171,474,171,479,170,502,174,521,175,551,173
1810 DATA -1, -1,547,171,551,173,552,174,550,177,550,178, -1, -1,419,160
1820 DATA 415,158,404,156, -1, -1,431,163,436,162,438,162,453,163,478,158
1830 DATA 493,156,499,156, -1, -1,493,165,488,169,487,171, -1, -1,489,175
1840 DATA 486,179,486,182,487,186, -1, -1,474,175,473,179,475,183,478,187
1850 DATA -1, -1,464,182,469,186,474,188, -1, -1,559,192,563,196, -1, -1
1860 DATA 999,999
1870 ' ATARU LINE DATA 2
1880 DATA 1,0
1890 DATA 435, 83,436, 87,433, 91,429, 95,424, 99,420, 99,417, 98, -1, -1
1900 DATA 468, 85,462, 88,455, 94,450, 99,450,101,452,103,456,103, -1, -1
1910 DATA 999,999
1920 ' ATARU LINE DATA 3
1930 DATA 1,0
1940 DATA 441, 84,445, 79,455, 74,470, 70,478, 68,485, 67,493, 66,502, 65
1950 DATA 497, 63,492, 59,506, 63,519, 66,523, 66,521, 64,532, 66,542, 69
1960 DATA 549, 72,556, 76,560, 78, -1, -1,999,999
1970 ' ATARU LINE DATA 4
1980 DATA 1,0
1990 DATA 414, 68,441, 67, -1, -1,447, 87,454, 83,458, 81,467, 79,479, 79
2000 DATA -1, -1,433, 92,438, 91,443, 90,447, 90,452, 92,455, 94, -1, -1
2010 DATA 425, 99,433, 99, -1, -1,434,100,446,103,455,105,468,108,475,109
2020 DATA 485,110,493,115, -1, -1,490,129,485,133,479,136, -1, -1,431,139
2030 DATA 438,140,449,141,453,143,454,145,452,150,448,156,445,159,441,162
2040 DATA -1, -1,500,156,514,158,525,160,530,162,534,165,536,169,536,172
2050 DATA 535,174, -1, -1,422,104,427,105,429,107,429,108,426,110,420,110
2060 DATA -1, -1,493,165,494,168,498,173, -1, -1,346,179,356,178,362,179
2070 DATA 367,182,371,188,373,194, -1, -1,999,999

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2080 ' ATARU LINE DATA 5
2090 DATA 1,0
2100 DATA 361,144,364,151,364,154,361,157, -1, -1,340,157,353,162,358,165
2110 DATA 360,168,361,173, -1, -1,521,176,529,177,532,180, -1, -1,999,999
2120 ' BACK TILLING DATA
2130 DATA 5
2140 DATA FF,FF,E7,FF,FF,C3,FF,FF,81,FF,FF,00,FF,FF,00,FF,FF,81,FF,FF,C3
2150 DATA FF,FF,E7,0,0,0,0,390,140,0,999,999
2160 ' LUM PAINT DATA
2170 DATA 3,0
2180 DATA 265, 81, 6,269, 82, 6,110,140, 4,350, 75, 4,375, 84, 4
2190 DATA 270,155, 4,347,109, 0,195,197, 6,202,198, 0
2200 ' ATARU PAINT DATA
2210 DATA 422, 95, 0,460,100, 0,999,999,0
2220 ' LUM TILE PAINT DATA 1
2230 DATA 4,0,00,00,AA,00,00,55
2240 DATA 210,120,300, 90,370, 89,270,170,355, 90,999,999
2250 ' LUM TILE PAINT DATA 2
2260 DATA 4,0,55,FF,FF,AA,FF,FF
2270 DATA 350, 94,360,120,310,155,200,175,310,180,260,195,210,199,285,199
2280 DATA 999,999
2290 ' LUM TILE PAINT DATA 3
2300 DATA 4,0,11,FF,EE,44,FF,BB
2310 DATA 352, 87,328,107,320,120,383,114,390,128,270,122,278,128,190,160
2320 DATA 999,999
2330 ' LUM TILE PAINT DATA 4
2340 DATA 4,0,FF,88,FF,FF,22,FF
2350 DATA 347,107,337,109,333,111,999,999
2360 ' LUM TILE PAINT DATA 5
2370 DATA 4,0,77,FF,FF,DD,FF,FF
2380 DATA 220,195,999,999
2390 ' ATARU TILE PAINT DATA 1
2400 DATA 4,0,00,AA,00,00,55,00
2410 DATA 410, 60,433, 75,470, 83,423, 48,418, 47,434, 46,523, 65,426, 72
2420 DATA 999,999
2430 ' ATARU TILE PAINT DATA 2
2440 DATA 4,0,00,88,00,00,22,00
2450 DATA 540,100,480,140,999,999
2460 ' ATARU TILE PAINT DATA 3
2470 DATA 4,0,AA,FF,EE,55,FF,BB
2480 DATA 400, 83,440, 75,437, 87,450, 88,420,145,360,185,490,190,430,100
2490 DATA 999,999
2500 ' ATARU TILE PAINT DATA 4
2510 DATA 4,0,55,FF,AA,AA,FF,55
2520 DATA 430, 65,470, 77,496, 78,440, 95,510,100,490,133,425,107,510,128
2530 DATA 460,145,370,180,490,170,508, 76,523, 79,526, 86,455, 70,999,999
2540 ' ATARU TILE PAINT DATA 5
2550 DATA 4,0,FF,77,FF,FF,DD,FF
2560 DATA 420,170,397,144,330,165,999,999
2570 ' ATARU TILE PAINT DATA 6
2580 DATA 4,0,55,00,55,AA,00,AA
2590 DATA 370,155,370,170,540,176,555,195,999,999
2600 DATA 0

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うる星やつら テン

PC—8801/mk II

小河俊之

かわいい(?) テンちゃんの登場だ!!

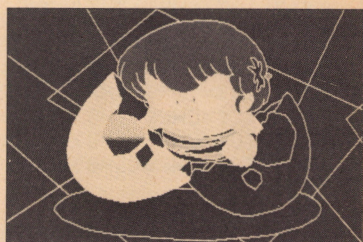
うる星やつらのキャラクターのCGと言えば、ラムちゃんをはじめほとんどが女の子のものばかりだったのでちょっと目先を変えてテンちゃんを選んでみました。男から見ればかわいげのないテンちゃんも、女の子にはけっこう人気があるようです。

小河君のプログラムは今回3本載っていますが、プログラムのスタイルが自分流に統一されており、よくまとまっています。ただ、タイルストリングがだいたい何色になるかコメントがリ

スト上にあったら、読者のみんなの参考になったでしょう。タイルストリングにはみんな、かなり苦心しているみたいですからね。

絵の方は背景がカラフルで、とてもきれいです。模様のタイルパターンが少し荒いようですが、色を暗めにしてキャラクターを浮き出たせるためにこうなったようですね。また、背景には4つの色が使われていますが、それぞれお互いにとり合わないよううまく配色されています。

小河くんのCGの特徴として、色でトレスラインを描き、内側をペイントしてから、もう一度黒でラインを引き直しています。これはわりとよく使われますが、特に目の中などの細かいところはぬりづらいため、つい背景の黒をそのまま用いてPAINTせずにすましてしまうものです。またトレスし直すのでちょっと時間がかかりますが重要なテクニックです。



作者のプロフィール

本名・小河俊之、中学3年生15才。受験生です。学校のパソコンクラブで副部長をしています。CG「美姫」(P.124)はオリジナルCGの第3作目。

性格…友人には2面性があるとされている。そしてきわめつけは、暗い。

うる星やつら テン プログラムリスト

```

1000  '
1010  '
1020  '  ' Computer ' <<<< POPCOM >>>> ' graphic '
1030  '  ' Title ' テン '
1040  '  ' ショウカ'クカン , ショウカン ショウネン・サンデー ' ウルセイヤツラ ' / ' タカハシ ルミコ '
1050  '  ' 1984年 6月 13日 スイウビ
1060  '  ' By Toshiyuki.Ogawa. JJJ.PC-8801 !!
1070  '
1080  '
1090  '
1100  '

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リスト続く

```

1110 '
1120 '***** SCREEN *****
1130 '
1140 CONSOLE 0,25,0,1:WIDTH 80,25:COLOR 7,0,0,7
1150 FOR C=0 TO 7:COLOR=(C,C):NEXT C
1160 SCREEN 0,3:CLS 3:SCREEN 0,0
1170 WINDOW (0,10)-(500,180):VIEW (0,0)-(639,199)
1180 '
1190 '***** MAIN LINE *****
1200 '
1210 READ X,Y
1220 POINT (2*X,Y)
1230 READ X,Y
1240 IF X=-1 THEN 1210
1250 IF X=777 THEN 1210
1260 IF X=999 THEN 1310
1270 LINE -(2*X,Y),7
1280 GOTO 1230
1290 '
1300 '***** PAINT *****
1310 '
1320 T0$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HFF)
1330 T1$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HFF)
1340 T2$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1350 T3$=CHR$(&HFF)+CHR$(&HF8)+CHR$(&HF8)+CHR$(&HFF)+CHR$(&H8F)+CHR$(&H8F)
1360 T4$=CHR$(&H55)+CHR$(&HFF)+CHR$(&H55)
1370 T5$=CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)
1380 T6$=CHR$(&H0)+CHR$(&H0)+CHR$(&H55)
1390 T7$=CHR$(&H0)+CHR$(&H0)+CHR$(&H8)+CHR$(&H0)+CHR$(&H0)+CHR$(&H80)
1400 T8$=CHR$(&H99)+CHR$(&H99)+CHR$(&H99)
1410 T9$=CHR$(&H55)+CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)
1420 TA$=CHR$(&H0)+CHR$(&H55)+CHR$(&H55)
1430 TB$=CHR$(&HF0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HF)+CHR$(&H0)+CHR$(&H0)
1440 TC$=CHR$(&H0)+CHR$(&HF0)+CHR$(&H0)+CHR$(&H0)+CHR$(&HF)+CHR$(&H0)
1450 TD$=CHR$(&H0)+CHR$(&HF0)+CHR$(&HF0)+CHR$(&H0)+CHR$(&HF)+CHR$(&HF)
1460 TE$=CHR$(&H0)+CHR$(&HF0)+CHR$(&H50)+CHR$(&H0)+CHR$(&HF)+CHR$(&H5)
1470 '
1480 READ X,Y,C
1490 IF X=999 THEN 1590
1500 IF C=1 THEN T$=T1$ ELSE IF C=2 THEN T$=T2$ ELSE IF C=3 THEN T$=T3$
1510 IF C=4 THEN T$=T4$ ELSE IF C=5 THEN T$=T5$ ELSE IF C=6 THEN T$=T6$
1520 IF C=7 THEN T$=T7$ ELSE IF C=8 THEN T$=T8$ ELSE IF C=9 THEN T$=T9$
1530 IF C=10 THEN T$=TA$ ELSE IF C=11 THEN T$=TB$ ELSE IF C=12 THEN T$=TC$
1540 IF C=13 THEN T$=TD$ ELSE IF C=14 THEN T$=TE$ ELSE IF C=0 THEN T$=T0$
1550 PAINT (2*X,Y),T$,7
1560 GOTO 1480
1570 '
1580 '***** SHADOW LINE *****
1590 '
1600 RESTORE
1610 READ X1,Y1
1620 READ X2,Y2
1630 IF X2=-1 THEN 1690
1640 LINE (2*X1,Y1)-(2*X2,Y2),0,,&H5555
1650 LINE (2*X1,Y1)-(2*X2,Y2),4,,&HAAAA
1660 X1=X2:Y1=Y2
1670 GOTO 1620
1680 '
1690 READ X,Y
1700 POINT (2*X,Y)
1710 READ X,Y
1720 IF X=-1 THEN 1690
1730 IF X=777 THEN 1780
1740 LINE -(2*X,Y),0
1750 GOTO 1710
1760 '

```

```

1770 '***** BACK *****
1780 '
1790 RESTORE 3690
1800 '
1810 READ X,Y
1820 POINT (2*X,Y)
1830 READ X,Y
1840 IF X=-1 THEN 1810
1850 IF X=999 THEN 1900
1860 LINE -(2*X,Y),0
1870 GOTO 1830
1880 '
1890 '***** SUB LINE *****
1900 '
1910 RESTORE 4000
1920 '
1930 READ X,Y
1940 POINT (2*X,Y)
1950 READ X,Y
1960 IF X=-1 THEN 1930
1970 IF X=999 THEN 2020
1980 LINE -(2*X,Y),0
1990 GOTO 1950
2000 '
2010 '***** TITLE & STAR *****
2020 '
2030 READ X,Y
2040 POINT (2*X,Y)
2050 READ X,Y
2060 IF X=-1 THEN 2030
2070 IF X=999 THEN 2110
2080 LINE -(2*X,Y),2
2090 GOTO 2050
2100 '
2110 PAINT (2*25,32),2:PAINT (2*37,32),2:PAINT (2*52,43),2
2120 '
2130 READ X,Y
2140 POINT (2*X,Y)
2150 READ X,Y
2160 IF X=-1 THEN 2130
2170 IF X=999 THEN 2210
2180 LINE -(2*X,Y),6
2190 GOTO 2150
2200 '
2210 PAINT (2*180,45),TA$,6:PAINT (2*176,44),6:PAINT (2*179,48.2),6
2220 PAINT (2*178.5,41),6:PAINT (2*184.5,42),6:PAINT (2*184.5,47),6
2230 '
2240 '***** ENDING *****
2250 '
2260 FOR I=0 TO 30
2270 BEEP 1
2280 FOR K=0 TO 10:NEXT K
2290 BEEP 0
2300 NEXT I
2310 '
2320 IF INP(9)<>191 THEN 2320
2330 '
2340 FOR I=0 TO 50
2350 BEEP 1
2360 FOR K=0 TO 2:NEXT K
2370 BEEP 0
2380 NEXT I
2390 '
2400 ::: END :::
2410 '

```

```

2420 '-----
2430 '               D A T A
2440 '-----
2450 'LINE DATA
2460 '----- アタノ カケ -----
2470 DATA 159,50,161,50,162,51,163,53,164,56,164,53,165,53,166,56
2480 DATA 166,58,165,61,166,63,167,64,168,67,168,70,166,69,165,72
2490 DATA 164,73,163,73,163,71,164,66,163,65,162,67,161,66,161,64
2500 DATA 162,61,161,60,158,58,157,57,158,56,159,56,162,57,160,53
2510 DATA 159,51,159,50,-1,.
2520 '----- アタノ カミ -----
2530 DATA 159,88,163,86,165.5,84,167,82,168,79,168,78,-1,.
2540 DATA 167,82,169,81,170,79,171,76,171.5,73,171.5,71,171,68
2550 DATA 170,65,168,63,169,61,169.5,58,169,55,168,52,167,49,166,47
2560 DATA 164,44,162,41,159,38,156,35,152,32,150,31,147,29,143,27
2570 DATA 140,26,134,25,126,25,116,26,111,27,106,29,100,31,94,35
2580 DATA 88,39,83,43,80,46,77,50,75,53,74,56,73.5,60,74,65
2590 DATA 76,68,-1,.
2600 DATA 78,56,77,58,76,63,76,67,77,70,78,72,80.5,75,85,78
2610 DATA 87,80,90,82,94,83,-1,.
2620 DATA 83,70,84,72,86,75,89,77,91,78,92.5,77,93,76,90,72
2630 DATA 87,68,86,65,85.5,63,-1,.
2640 DATA 88,70,90,71,91,72,92,71,92,70,91,65,91,61,92,55
2650 DATA 91.5,57,92,60,94,64,95,65,98,67,100,67,98,63,97,59,97,56,-1,.
2660 DATA 99,65,101,68,103,70,107,73,111,75,116,76,117,76,120,75,122,74
2670 DATA 125,72,127,70,124.5,67,122,64,119,59,-1,.
2680 DATA 123,65,125,67,128,68,130,67,132,65,132.5,64,-1,.
2690 DATA 126,56,127,59,129,62,132,64,133,64,-1,.
2700 DATA 133,55,134,57,137,60,140,62,144,63,148,62,145,58,144,55,143,50
2710 DATA -1,.
2720 DATA 145,63,145,66,147,71,149,74,153,76,156,76,153,72,152,67,152,64
2730 DATA -1,.
2740 DATA 151.5,76,150,78,149,81,149,83,150,86,151,88,152.5,89,153,88
2750 DATA 153,87,152.5,85,152.5,83,153,81,154.5,78,156,76,158,75,160,74
2760 DATA 160.5,76,161,78,161,79,160,82,159,84,157,86,155,87,-1,.
2770 '----- ツノ -----
2780 DATA 169,60,170,60,172,61,172.5,62,171.5,64,170,65,-1,.
2790 '----- 本ノ アコ -----
2800 DATA 91,78,93,81,94,83,95,86,95,87,94,89,93,91,93,92,93,94,97,96
2810 DATA 103,98,114,99,122,99,132,97,139,95,146,92,-1,.
2820 '----- ミミ -----
2830 DATA 154,80,156,78,157,79,157,81,155,84,153,85,-1,.
2840 DATA 153,82,154,81,155.5,82,156,83,-1,.
2850 '----- ミキ" ヌ -----
2860 DATA 111,87,108,88,106,88,102,87,99,85,97,82,95,78,94,74,93.5,71
2870 DATA 94,68,95,66,96,66,-1,.
2880 DATA 92,66,93,65,94,65,98,67,100,69,104.5,73,110,78,112,80,-1,.
2890 DATA 111,80,111,82,112,84
2900 DATA -1,. : 111.5,84,110.5,83,110,81,110.5,80
2910 DATA 112,80,113,82,112.5,84,111.5,82,111.5,80,113,80,-1,.
2920 '----- ヒタリ ヌ -----
2930 DATA 125,85,130,86,131,86,136,85,141,83,143.5,81,-1,.
2940 DATA 145,80,146,77,146,75,145,70,144,67,143,65,142,64,140,63,138,62
2950 DATA 137,62,-1,.
2960 DATA 139,61,136,62,135,63,132,66,129,69,126,73,124,76,121.5,78
2970 DATA 121,78,-1,.
2980 DATA 124,77,125,79,125,81,124.5,82,123,83,124,83,125,81,125,79
2990 DATA 124,78,-1,.
3000 DATA 123,78,124,79,124,81,123,82,122.5,81,122.5,79,123,78,-1,.
3010 '----- ハナ, クチ -----
3020 DATA 113,88,112.5,87,113.5,86,115,86,-1,.
3030 DATA 97,94,100,93,106,94,111,95,114,96,118,95,123,93,129,91
3040 DATA 135,90,138,90,144,91,-1,.
3050 '----- ミキ"テ, ヒタリテ -----
3060 DATA 153,87,155,87,158,88,160,89,162.5,91,166,95,167,97,167.5,98
3070 DATA 167,99,166,98,166,100,165.5,101,164,99,164.5,100,164.5,102

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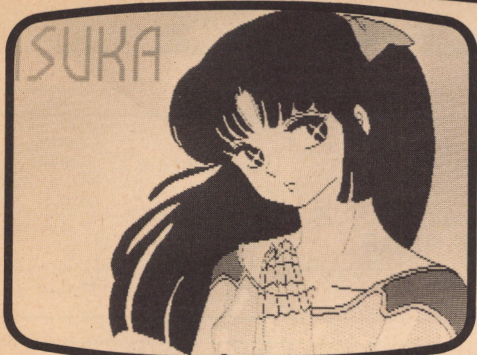
3080 DATA 164,102,161,101,156,101,154,101,150,100,148.5,99,147,99
 3090 DATA 142,101,137,103,127,105,124,105,116,104,110,102,108,101
 3100 DATA 104,100,101,100,97,101,96,101,93,100,92,99,91,100,90,100,89,99
 3110 DATA 90,98,89,98,-1,,88,96,93,92,-1,,
 3120 '----- ヒタ"リアシ -----
 3130 DATA 158,101,161,104,163,108,164,112,164,113,163,116,160.5,120
 3140 DATA 161,120,161,121,160,123,159,123,158,124,156,123,155,124,150,122
 3150 DATA 147,119,144,117,142,115,142,114,142.5,112,144,110,145,107
 3160 DATA 145.5,106,148,104,151,102,154,101,-1,,
 3170 '----- ヒタ"リアシ,ハラ -----
 3180 DATA 114,128,115.5,126,119,123,120.5,121,-1,,
 3190 DATA 104,100,103.5,102,103.5,104,104,107,105,110,107,114,108.5,116
 3200 DATA 113,119,119,121,125,122,128,122,136,121,144,119,146,118,-1,,
 3210 DATA 150,100,144,103,137,105,130,106,125,106,120,105,-1,,
 3220 DATA 104,102,110,105,116,107,126,108,130,108,140,106,141,107,140,108
 3230 DATA 135,109,131,110,125,111,120,111,113,110,108,108,104,106,-1,,
 3240 DATA 146,106,141,109,135,111,127,113,123,113,118,114,112,113,112,114
 3250 DATA 116,115,120,116,126,117,127,117,134,116,142,114,-1,,
 3260 DATA 144,117,138,119,132,119,122,118,116,117,112,115,108,113,105,110
 3270 DATA -1,,
 3280 '----- ミキ"ノ カラ -----
 3290 DATA 74,66,72,64,71,63,69,65,65,70,62,73,59,77,57,80,55,83,52,88
 3300 DATA 50,92,48,96,47,99,45,107,44,115,44,118,45,125,47,130,49,133
 3310 DATA 51,136,55,140,59,142,62,144,68,146,72,147,80,148.2,81,148.2
 3320 DATA 90,147,96,145,103,143,110,140,116,137,121,134,122,133,122,132
 3330 DATA 121,131,119.5,130,119,129,115,128,113,127,110,125,110,121
 3340 DATA 109,117,108,115,107,114,104,109,102,105,101,103,98,102,96,101
 3350 DATA -1,,
 3360 DATA 89,98,88,95,86,94,84,93,79,92,74.5,92,75,87,77,81,76,79,74,74
 3370 DATA 71,63,-1,,
 3380 DATA 91,82,92,84,93.5,86,95,87,-1,,122,122,123,125,123,128,-1,,
 3390 '----- ヒタ"リノ カラ -----
 3400 DATA 166,95,168,94,169,94,170,91,170.5,88,173,87,175,86,177,83
 3410 DATA 179,78,180,76,182.5,73,184.5,75,186,77,189,83,192,89,194,94
 3420 DATA 195,98,197,106,197.5,114,197.5,117,197,124,196,129,194,134
 3430 DATA 192,138
 3440 DATA 189,142,186,145,184,147,181,149,177,151,171,153,162,155,159,155
 3450 DATA 151,154,145,152,140,150,135,147,132,145,127,141,123.5,138
 3460 DATA 121,135,-1,,
 3470 DATA 122,131,124,127,125,126,133,127,138,122,139,122,153,123,-1,,
 3480 DATA 164,111,163.5,105,164,102,-1,,
 3490 DATA 162,90,164,88,166,87,168,87,169,86,170,84,173,82,175,81,179,78
 3500 DATA -1,,130,127,132,124,133.5,122,777,,
 3510 '
 3520 '-----
 3530 '
 3540 '----- リョウメ -----
 3550 DATA 112,84,111.5,86,111,87,-1,,
 3560 DATA 123.5,83,123.5,84,125,85,-1,,143.5,81,145,80,-1,,
 3570 '----- ミキ"ノ カラ -----
 3580 DATA 75,87,69,93,65,106,73,119,83,118,93,108,93,100,-1,,
 3590 DATA 94,101,95,107,97,111,104,113,106,112,-1,,
 3600 DATA 94,110,86,118,92,127,99,118,94,110,-1,,
 3610 '----- ヒタ"リノ カラ -----
 3620 DATA 173,87,181,89,183,90,188,100,188,104,185,119,171,123,161,119
 3630 DATA -1,,
 3640 DATA 160,125,162,125,167,128,168,133,164,138,158,135,155,130,160,125
 3650 DATA 777,,
 3660 '
 3670 '-----
 3680 'BACK DATA
 3690 '----- BACK -----
 3700 DATA 112,139,125,139,-1,,
 3710 DATA 191,139,195,140,197,141,201,143,202.5,144,205,147,205.5,149
 3720 DATA 205.5,150,205,152,203,155,199,158,194,161,186,164,176,167
 3730 DATA 165,169,150,171,137,172,120,172,90,171,76,170,64,168,56,166

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3740 DATA 48,163,42,160,38.5,157,37,155,36.5,154,37,152,38,151,40,149
3750 DATA 43,147,48,144,54,142,57,141,-1,.
3760 '----- BACK -----
3770 DATA 0,107,46,145,-1,.,77,170,89,180,-1,.,0,167,49,133,-1,.
3780 DATA 0,52,52,88,-1,.,106,10,30,83,49,94,-1,.,46,10,74,56,-1,.
3790 DATA 81,10,112,26,-1,.,169,55,241,89,199,142,-1,.
3800 DATA 220,10,189,83,-1,.,155,171,168,180,179,166,-1,.,196,130,240,180
3810 DATA -1,.,250,60,220,90,250,135,999,.
3820 '
3830 '-----
3840 ' PAINT DATA
3850 DATA 130,30,6,163,59,7,100,80,2,140,70,2,120,90,5,92,63,5,151,80,6
3860 DATA 128,69,5,101,69,5,102,70,5,100,68,5,90.5,72,5,124.5,80,2
3870 DATA 124,77.2,2,126.3,71.1,5,141.5,63,5,132,65.2,5,126,68,5
3880 DATA 133,65,5,129,68,5,162,53,7,164,71,7,159,77,5,150,105,5
3890 DATA 115,122,5,170,63,10,156,80,5,154,83,5,113,105,0,143,105,0
3900 DATA 108,111,0,138,117,0,120,117,0,116,116,0,70,80,2,80,100,3
3910 DATA 98,105,3,93,115,3,80,80,9,102,102,9,120,125,9,185,80,2
3920 DATA 180,95,3,160,130,3,167,90,9,161,102,9,135,123,9,145,121,9
3930 DATA 120,145,8,94,85,14,128,124,12,120,137,14,10,20,11,70,20,13
3940 DATA 65,60,12,20,80,13,40,85,14,10,120,14,50,140,12,30,150,11
3950 DATA 110,175,12,90,30,14,95,15,11,120,15,12,230,20,14,180,70,13
3960 DATA 130.2,67,5,200,90,11,170,170,14,210,160,13,197,135,12,230,90,12
3970 DATA 131,66,5,240,80,13,230,120,14,113,115,0,138,109,0,999,.,.
3980 '
3990 '-----
4000 ' SUB LINE DATA
4010 DATA 112,56,113,61,114,64,116,67,117,68,120,70,123,71,126,71,-1,.
4020 DATA 140,52,141,56,143,59,146,62,-1,.
4030 DATA 154,66,155,71,157,75,-1,.
4040 DATA 77,73,75.5,74,75,76,-1,.
4050 DATA 67,93,65,94,64,94,61,93,58,92,56,92,-1,.
4060 DATA 91,88,89,91,88,92,87,94,-1,.,89,91,90,94,-1,.
4070 DATA 88,99,87,102,85,104,83,106,82,111,-1,.
4080 DATA 83,106,77,110,-1,.
4090 DATA 78,130,83,129,85,128,89,127,91,127,90,129,88,132,85,135,-1,.
4100 DATA 93,127,98,130,101,127,105,124,109,124,-1,.
4110 DATA 122,134,123,136,-1,.,124,137,127,139,-1,.
4120 DATA 125,127,127,128,129,128,-1,.,130,128,132,128,-1,.
4130 DATA 133,127,134,130,-1,.
4140 DATA 134,132,134,134,139,140,141,142,143,145,-1,.
4150 DATA 160,123,167,124,172,127,173,130,180,131,185,130,192,126,-1,.
4160 DATA 173,130,175,134,175,136,181,139,-1,.
4170 DATA 183,140,187,140,-1,.,109,118,109,123,-1,.
4180 DATA 111,79,110,81,110.5,83,111,84,999,.
4190 '
4200 '-----
4210 ' TITLE & STAR DATA
4220 '----- TEN -----
4230 DATA 20,30,20,33,25,33,25,45,28,45,28,33,33,33,33,30,20,30,-1,.
4240 DATA 35,30,35,45,48,45,48,42,38,42,38,39,45,39,45,36,38,36,38,33
4250 DATA 48,33,48,30,35,30,-1,.
4260 DATA 50,30,50,45,53,45,53,35,60,45,63,45,63,30,60,30,60,40,53,30
4270 DATA 50,30,999,.
4280 '----- STAR -----
4290 DATA 173,51,175,49,177,48,-1,.
4300 DATA 178,46,177,46,175,45,175,44,177,43,179,43,178,41,178,40,179,40
4310 DATA 181.5,42,183,41,185,41,185,42,184,44,185,47,184.5,48,184,48
4320 DATA 181,47,179,49,178,49,178,46,-1,.
4330 DATA 179,46,176,45,179,43,179,41,181,42,184,42,183,44,184,47,181,46
4340 DATA 179,48,178,48,179,46,999,.
4350 '
4360 '-----
4370 '
4380 '-----
4390 '

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GAME OVER



うる星やつら 飛鳥

PC—8801/mk II

小河俊之

かわい・おそろし綾小路飛鳥!!

うる星やつらの中のキャラクターとしては、あまり描かれていない「飛鳥」ですが、なかなかカワイク描けています。

まず、プログラム解説ですが、最初で白でラインを引いたあと、再び同じDATAで黒（その他の色）で引きなおしてあります。また、境界色はラインパターンで消してあります。両腕とバックの左上から右下に引かれている線がそうです。先の方は白と水色、後の方は白と紫となっています。

変更点……

①処理がおそいと思われた場合は
1160行の先頭に「out 104, 0」
と挿入 2390行の「END」の前に、
「WIDTH 80」と挿入

②はだ色が淡いと思われた場合は
1340行を下のように

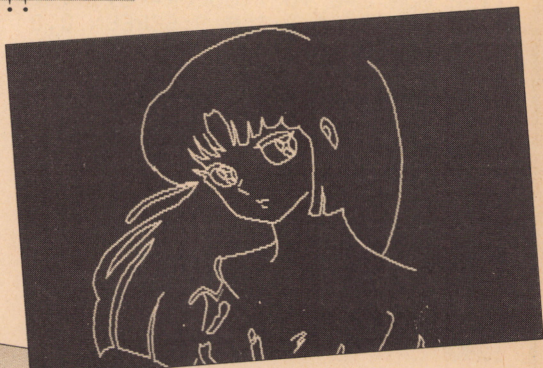
T30 = CHR \$ (&H55) + CHR \$ (&
HFF) + CHR \$ (&H55)

「飛鳥」の髪の色は、独断と偏見で自分の好きな黒い色の髪にしたようですが、見ましたか？ アニメの飛鳥!! 髪の色は黒でしたね!! でも、オリジナルのCGなんだから、自分の好きな色をぬっちゃえばいいわけです。でも、髪のライン、もっとなめらかになびいているように描けていればよかったのと思います。

全体的には、シンプルにまとめてあります。ただし、かげりのある「飛鳥」の表情と、「ASUKA」のアルファベットが弱いために、淡ばくな作品になってしまったみたいです。

「うる星やつら」のアニメを見てのとおり、飛鳥は、おしとやかで、可憐な少女であるが、男を見るやそれはもうすさまじいもの!!

この動と静のアンバランスなところをうま



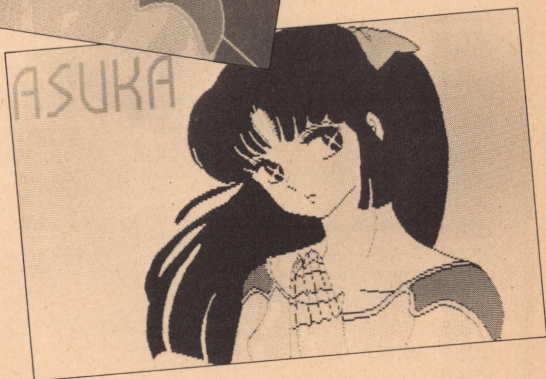
▲最初の人物の線描きはとても大切。
スマートでキレイなライン
が出せるように心がけま
しょう。



くCGの画面に描くことができたなら、きっとよくなるでしょう。

このCGのように、1つの人物を1つ描くだけではなくて、いくつか重ねて、構図的にももしろくすれば、もっと味のある絵がらになっていただろうと思います。

絵的なセンスのよさは、すごくみとめます。でも、ロゴが少しダサかったようです。絵は大胆かつ繊細に描きましょう。



▲飛鳥のしおらしさがよくでている作品です。しかし少し暗さが感じられるのはなぜでしょうか？ でも、それもまたこの絵のよいところでもあるのですね。

うる星やつや 飛鳥 プログラムリスト

```

1000 '
1010 '
1020 '
1030 'Computer' <<< POPCOM >>> 'Graphics'
1040 ' アスカ.'
1050 ' ショウカ`クカン, ショウネンサンデー, 「ウルセイヤツラ」 / (C) タカハシ.ルミコ
1060 ' 1984年 6月 22日 キンヨウ日
1070 ' by Toshiyuki.Ogawa. JJJ.PC-8801 !!
1080 '
1090 '
1100 '
1110 '
1120 '***** SCREEN *****
1130 '
1140 CONSOLE 0,25,0,1:WIDTH 80,25:COLOR 7,0,0,7
1150 FOR C=0 TO 7:COLOR=(C,C):NEXT C
1160 SCREEN 0,3:CLS 3:SCREEN 0,0
1170 WINDOW (0,10)-(500,180):VIEW (0,0)-(639,199)
1180 '
1190 '***** MAIN LINE *****
1200 '
1210 READ X,Y
1220 POINT (2*X,Y)
1230 READ X,Y
1240 IF X=-1 THEN 1210
1250 IF X=777 THEN 1210
1260 IF X=999 THEN 1310
1270 LINE -(2*X,Y),7
1280 GOTO 1230
1290 '
1300 '***** PAINT *****
1310 '
1320 T1$=CHR$(&HFF)+CHR$(&H96)+CHR$(&H96)+CHR$(&HFF)+CHR$(&H69)+CHR$(&H69)
1330 T2$=CHR$(&H55)+CHR$(&H55)+CHR$(&H55)
1340 T3$=CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)
1350 T4$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&HFF)
1360 T5$=CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)
1370 T6$=CHR$(&H55)+CHR$(&H0)+CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)
1380 T7$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&H55)
1390 T8$=CHR$(&HFF)+CHR$(&HFF)+CHR$(&H50)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H5)
1400 T9$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H96)+CHR$(&H0)+CHR$(&HFF)+CHR$(&H69)
1410 '
1420 READ X,Y,C
1430 IF X=999 THEN 1510
1440 IF C=1 THEN T$=T1$ ELSE IF C=2 THEN T$=T2$ ELSE IF C=3 THEN T$=T3$
1450 IF C=4 THEN T$=T4$ ELSE IF C=5 THEN T$=T5$ ELSE IF C=6 THEN T$=T6$
1460 IF C=9 THEN T$=T9$
1470 PAINT (2*X,Y),T$,7
1480 GOTO 1420
1490 '
1500 '***** BACK & TITLE *****
1510 '
1520 FOR I=1 TO 2
1530 READ X1,Y1,X2,Y2
1540 LINE (2*X1,Y1)-(2*X2,Y2),7
1550 NEXT I
1560 '
1570 READ X,Y,C
1580 IF X=999 THEN 1630
1590 IF C=7 THEN T$=T7$ ELSE IF C=8 THEN T$=T8$
1600 PAINT (2*X,Y),T$,7
1610 GOTO 1570

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1620 '
1630 FOR I=1 TO 2
1640   READ X1,Y1,X2,Y2
1650   LINE (2*X1,Y1)-(2*X2,Y2),3,,&H5555
1660 NEXT I
1670 '
1680 READ X,Y
1690   POINT (2*X,Y)
1700 READ X,Y
1710   IF X=-1 THEN 1680
1720   IF X=999 THEN 1750
1730   LINE -(2*X,Y),1
1740 GOTO 1700
1750 '
1760 READ X,Y
1770   IF X=999 THEN 1820
1780   PAINT (2*X,Y),1
1790 GOTO 1760
1800 '
1810 '***** SHADOW LINE *****
1820 '
1830 RESTORE 2670
1840 READ X,Y
1850   POINT (2*X,Y)
1860 READ X,Y
1870   IF X=-1 THEN 1840
1880   IF X=777 THEN 1920
1890   LINE -(2*X,Y),5,,&H5555
1900 GOTO 1860
1910 '
1920 READ X,Y
1930   POINT (2*X,Y)
1940 READ X,Y
1950   IF X=-1 THEN 1920
1960   IF X=999 THEN 2010
1970   LINE -(2*X,Y),0
1980 GOTO 1940
1990 '
2000 '***** SUB LINE *****
2010 '
2020 RESTORE 4580
2030 READ X,Y
2040   POINT (2*X,Y)
2050 READ X,Y
2060   IF X=-1 THEN 2030
2070   IF X=777 THEN 2110
2080   LINE -(2*X,Y),7
2090 GOTO 2050
2100 '
2110 READ X,Y
2120   POINT (2*X,Y)
2130 READ X,Y
2140   IF X=-1 THEN 2110
2150   IF X=777 THEN 2190
2160   LINE -(2*X,Y),0
2170 GOTO 2130
2180 '
2190 'de BUG
2200 LINE (2*100,87)-(2*105,86),7,,&H5555
2210 LINE (2*100,87)-(2*105,86),3,,&HAAAA
2220 '
2230 '***** ENDING *****
2240 '
2250 FOR K=1 TO 50
2260   BEEP 1

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2270   FOR L=1 TO 10:NEXT L
2280   BEEP 0
2290 NEXT K
2300 '
2310 IF INP(9)<>191 THEN 2310
2320 '
2330 FOR K=1 TO 50
2340   BEEP 1
2350   FOR L=1 TO 5:NEXT L
2360   BEEP 0
2370 NEXT K
2380 '
2390 ::::::::::: END :::::::::::
2400 '
2410 '-----
2420 'LINE DATA
2430 '----- x -----
2440 DATA 116,82,117.5,84,119,86,120.5,87,-1,.
2450 DATA 140.5,71,142,74,145,77.5,147,78,-1,.
2460 '----- WHITE -----
2470 DATA 119,144,120,144,121,145,121.5,146,121,148,120,150,118,153
2480 DATA 116,156,113,159,111,159,110.5,158,111,157,113,155,115,151
2490 DATA 116.5,151,117.5,145,119,144,-1,.
2500 DATA 107,164,108,165,111,163,111.5,165,111,170,112,171,116,175
2510 DATA 113,175,110,174,109,174,107,170,106.5,167,107,164,-1,.
2520 DATA 130,160,131,158,132,158,133,160,132.5,162,131,163,130.5,164
2530 DATA 130,160,-1,. ,203,180,205,178,208,180,-1,.
2540 DATA 134,180,133,177,132,173,131,166,131.5,165,133,164,133,163
2550 DATA 134,161,135,162,136,172,136.5,174,138,176,139.5,180,-1,.
2560 DATA 150,164,152,162,154,161,156,160.2,157,161,155,163,153,165
2570 DATA 153,166,156,164,153,167,152,168,151,170,-1,.
2580 DATA 161,180,160,179,160,178,162,177,165,177,167,176,169,172
2590 DATA 170,173,171.5,171,172,169,173,167.2,174,168,174,170,173,174
2600 DATA 171,178,170,180,-1,.
2610 DATA 209,165,210,166,211,168,210.5,170,213,172,213.5,173,213,174
2620 DATA 210.5,177,210,179,205.5,176,206,174,208,170,209,167,209,165
2630 DATA -1,.
2640 '
2650 '-----
2660 '
2670 '----- ミキ"&ヒタ"リ ノ ウテ" -----
2680 DATA 109.5,139.2,110.5,141,111,143,111,145,110,151,108.5,157,-1,.
2690 DATA 105,171,103,176,101,180,-1,.
2700 DATA 195,153,196.5,153.5,197,155,197,157,196,160,193,166,191,170
2710 DATA 190,172,188,176,186.5,180,777,.
2720 '
2730 '-----
2740 '
2750 '----- カミ/ケ -----
2760 DATA 94,175,90,173,86,171,85,171,84.5,163,84.5,161,85,156,86,150
2770 DATA 87,147,88,144,89,141,91,138,-1,.
2780 DATA 88,143,86,147,85,149,84,152,82.5,158,82.5,163,83,169,81,168
2790 DATA 76,166,72,165,68.5,164,68,162,67.5,159,67.5,157,68,152,69,147
2800 DATA 70,144,72,138,74,134,77,128,80,124,83,120,86,116,88,112,83,116
2810 DATA 79,121,76,124,74,127,72,130,70,134,68,139,66,146,65,154,65,158
2820 DATA 66,163,65,163,62,164,60,166,59.5,167,58,160,57.5,157,57.5,156
2830 DATA 58,149,59,143,60,141,61,140,60,138,59,135,58.5,133,59,130
2840 DATA 60,127,63,121,65,118,69,114,70,113,75,109,84,103,94,98,100,95
2850 DATA 103,93,105.5,91,107.5,89,110,85,106,85,102,86,99,85,95,83
2860 DATA 92,80,90,77,90,78,89,77,87,74,86,72,85,68,84.5,64,84.5,63
2870 DATA 85,59,86,53,87,50,89,46,92,42.5,94,41,98,38,103,30.5,107,26
2880 DATA 110,24,117,19,121,18,126,15,131,13,137,12,141,11,145,10,148,10
2890 DATA 154,11,159,12.5,163,15,166,17,-1,.
2900 DATA 192.5,30,195,32,197,36,199,40,201,46,203,54,204,62,205,75
2910 DATA 205,79,204,90,203,96,202,102,200,110,198,116,196,121,193.5,125

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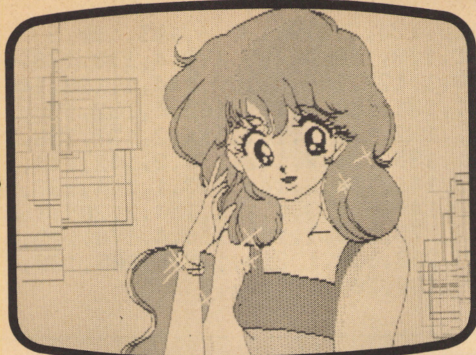
2920 DATA -1,.
 2930 '----- アコ", 材 -----
 2940 DATA 161,93,158,95,153,100.5,147,106,144,106.5,140,106,136,105
 2950 DATA 133,104,130,103,128,102,126.5,100.5,125,100,123,96,120,92
 2960 DATA 117,88,114,85,113,84,-1,.
 2970 '----- マカ"ミ -----
 2980 DATA 113,84,114,83,112,82,110.5,81,108,79,113,80,115,79,111.5,76
 2990 DATA 109.5,74,108,72,106.5,69,109.5,72,113,74,116,74,113.5,72,112,70
 3000 DATA 111,68,109.5,65,109,63,112,68,114,70,117,72,121,73,119,71
 3010 DATA 117,68,115.5,65,114,62,-1,.
 3020 DATA 117,68,120,70,123.5,71,121,68,118,64,116,60,115,57,114.5,53
 3030 DATA 114.5,52,117,53,117.5,52,118,52,119,50,121.5,52,123.5,55,125,58
 3040 DATA 126.5,62,127.5,68,128.5,67,128.5,65,128,60,127,56,129,61,130,66
 3050 DATA 130.5,68,133.5,68,134.5,67,135,63,135,57,136,61,136.5,65
 3060 DATA 139.5,64,140.5,63,141,61,141.5,55,142.5,59,143.5,60,147,60
 3070 DATA 149.5,59,151,55,151,59,154,61,156,61.5,157.5,61,159,60,159,61
 3080 DATA 160,63,163,66,164,69,164.5,74,164.5,77,164,90,163,97,161,103
 3090 DATA 164,104,166,104,167,100,168,93,168,90,-1,.
 3100 DATA 168,92,168.5,96,168.5,97,168,103,170,104,173,103,177,101,-1,.
 3110 '----- カミノケ ツケタミ -----
 3120 DATA 65,130,66.5,125,68,122,70,119,73.5,115,80,109,85,106,92,103
 3130 DATA 84.5,110,80,114,74.5,119,69.5,124,65,130,-1,.
 3140 DATA 109.5,85,102,87,94,89,88,91,84,93,81,95,78,98,76,101,75.5,102
 3150 DATA 77,103,79,101,83,97,88,94,98,90,104,88,106.5,87,109.5,85,-1,.
 3160 '----- メ ミキ"&ヒタ"リ -----
 3170 DATA 113,80,114,80,113.5,81,115,81,116,82,116.5,81,117,80,118,79
 3180 DATA 123,78,126,79,127,80,128,82,128.5,84,128,86,126.8,87,124,88
 3190 DATA 122.5,88,120.5,87,-1,.
 3200 DATA 115,78,119,77,120,77,124,78,126,79,-1,.
 3210 DATA 119,79,119.5,81,121,83,122.5,84,123.5,83,123,82,121,80,119.5,79
 3220 DATA 120,79,123.5,81,125,81,126,80,-1,.
 3230 DATA 126.5,80,126,82,126,83,127.5,85,-1,.
 3240 DATA 126,87,124.5,86,123.5,85,123.5,84,125,84,127.5,85,-1,.
 3250 DATA 155.5,65,156,63.2,155,64,152,63,149,63,146,64,141,66,140,67
 3260 DATA 139,68,139.5,69,137.5,70,140,70,140.5,71,142,69,146,67,152,65
 3270 DATA 155,65,156.5,67,157,69,157,71,156.5,73,156,74,155,75,152.5,77
 3280 DATA 148.5,78,147,78,-1,.
 3290 DATA 147,67,148,70,150,72,151,70,151,69,148.5,67,147.5,66,-1,.
 3300 DATA 148,66,151.5,68,152,68,153.5,67,154.5,65,-1,.
 3310 DATA 155,65,153.5,68.5,153.5,70,155,72,156,73,-1,.
 3320 DATA 156,74,154,72,152,71,151,72.5,151,73,151.5,74,154,75,156,74
 3330 DATA -1,.
 3340 '----- ミミ -----
 3350 DATA 175,72,173,69,169,62,169,60,169.5,58,170.5,57,172,58,173,59
 3360 DATA 174.5,61,175,63,176,68,175.5,71,175,72,-1,.
 3370 DATA 170,62,170.5,61,171,61,172,62,173,65,172.5,68,-1,.
 3380 '----- ハナ -----
 3390 DATA 130.5,85,130,87,129,88,-1,.
 3400 DATA 129,89.5,130,90,132,91,133.5,92,-1,.
 3410 '----- クチ -----
 3420 DATA 137.5,95.5,139,96,140,95,142.5,95,-1,.
 3430 DATA 139.5,98,140,99,141.5,99,-1,.
 3440 '----- クビ", カタ -----
 3450 DATA 144,107,145,113,145.5,116,145.5,118,145,122,144,124,142.5,125
 3460 DATA -1,.
 3470 DATA 145,115,143.5,117,142,118,133,120,119.5,123,-1,.
 3480 DATA 177,101,177,105,179,111,182,116,185.5,120,190,124,196,127
 3490 DATA 204,131,208.5,133,-1,.
 3500 '----- ミキ" カタ&ウチ" -----
 3510 DATA 126,142,124,140,121,136,119.5,133,118,129,118,128,118.5,125
 3520 DATA 119.5,123,118.5,122,117,123,116,126,116,128,117,131,119,135
 3530 DATA 117,139,115.5,140,113,138,111.5,137,110,136.5,108,137,106,139
 3540 DATA 104,141,103,143,103.5,144,107,141,108,140,110,139,111,139
 3550 DATA 113,140,116,143,116.5,142,119,138,120,137,122,140,125,144,-1,.
 3560 DATA 116,125,113,126,110,128,108,130,105,134,104,138,104,141,-1,.

3570 DATA 103.5,144,100,155,96.5,168,93,180,-1,.
 3580 DATA 116,143,115,147,114,149,110,155,107,159,105,161,104,163,104,166
 3590 DATA 105,171,106,174,107,176,107.5,178,107.5,180,-1,.
 3600 DATA 107,176,109,175,110,175,113,176,116,177,119,177.5,122,177,-1,.
 3610 DATA 107,177,110,177,117,179,121,179,-1,.
 3620 '----- ヒタ"リ カタ&ウテ" -----
 3630 DATA 150,153,157,153,163,152,167,150,171,147,175,144,179,141,184,139
 3640 DATA 191,136,195,135,204,133,209,133,211,134,214,136,215,137,210,135
 3650 DATA 205,135,197,136,190,138,185,140,181,143,183,145,183.5,147
 3660 DATA 183,153,184,154,185,154,189,152,196,150,198,150,201,151,206,154
 3670 DATA 210,158,213,162,215,166,217,171,219,172,221,170,221,172,220,176
 3680 DATA 216,175,215,174,213,170,211,165,210,163,208,160,204,156,201,154
 3690 DATA 197,153,195,153,191,154,187,156,184,157,183,157,181.5,156
 3700 DATA 180.5,154,181,150,181.5,148,181,146,179.5,145,178,145,175,147
 3710 DATA 170,151,165,154,160,155,150,156,-1,.
 3720 DATA 215,137,217,140,220,145,222,150,223,154,223.5,160,223,164
 3730 DATA 222,167,221,170,-1,.
 3740 DATA 217.5,176,214,180,-1,.
 3750 DATA 183,157,183,158,181,164,179,168,176,173,172,180,-1,.
 3760 DATA 151.5,179,155,180,-1,.
 3770 '----- リョウ テ -----
 3780 DATA 121,180,123,175,124,169,124.5,159,125,156,125,148,125.5,146
 3790 DATA 125.5,144,126,142,126,140,127,135,127,133,128.5,130,129,127
 3800 DATA 130,126,131.5,127,132.5,125,133,125,134,127,134,125,135.5,123
 3810 DATA 136,123,136.5,124,137,122,138,121,139.5,122,140,123,140,122
 3820 DATA 141,123,143,127,143,128,144,131,144,132,145,135,146,139
 3830 DATA 146.5,141,147,142,147,145,149,143,151,142,151.5,143,151,146
 3840 DATA 150,151,150,162,151.5,180,-1,.
 3850 DATA 131,180,130,177,129,174,128,166,128,161,128.5,157,128.5,151
 3860 DATA 128.8,147,128.8,146,128.5,145,129,142,129,137,130,130,131
 3870 DATA 127,-1,.
 3880 DATA 147,145,148.5,151,150,157,-1,.
 3890 DATA 130.5,126,132,123,133,124,133.5,125,-1,.
 3900 DATA 135,156,134.5,147,135,144,134,141,133,134,133.5,131,133.5,127
 3910 DATA -1,.
 3920 DATA 140,155,140,153,138.5,147,138.5,144,138,142,138,138,137,132
 3930 DATA 137,127,136.5,124,-1,.
 3940 DATA 145,153,144,147,144,145,143,141,143,139,141,131,141,127,140,123
 3950 DATA -1,.
 3960 DATA 124,175,124,177,125,178,127,179,129,179,-1,.
 3970 DATA 125,156,126,158,127,158,130,156,132,156,134,157,136,155,138,156
 3980 DATA 139,156,141,154,144,155,145,153,147,154,149,152,150,152,-1,.
 3990 DATA 126,146,127,146,128.5,147,129.5,145,132,146,134,147,138,147
 4000 DATA 140,146,144,147,144,146,147,145,-1,.
 4010 DATA 126,142,127.5,143,132.5,141,134,142,135.5,141,138,142,140,140
 4020 DATA 143,141,146,141,-1,.
 4030 DATA 127,135,128,135,129.5,133,129,133,128.5,130,-1,.
 4040 DATA 130,132,132,133,133,134,134,132,137,132,138,131,141,131,143,132
 4050 DATA 144,132,-1,.
 4060 DATA 130,131,132,130,133,129,134,130,135,129,136,127,137,127,138,126
 4070 DATA 141,127,141,128,143,128,-1,.
 4080 '----- リホ"ン -----
 4090 DATA 166,17,168,20,170,26,173,33,175,36,176,37,180,34,185,29,190,30
 4100 DATA 193,30,196,29,196.5,28,195,26,191,23,185,19,182,18,180,18
 4110 DATA 175,16,172,15,171,15,168.5,16,166.5,17,-1,.
 4120 DATA 163,15,165,14,170.5,15,-1,.
 4130 DATA 169,16,170,17,173,21,174,22,174,20,172.5,18,-1,.
 4140 '----- クヒ"ス" -----
 4150 DATA 169.5,108,169,112,-1,.168.5,114,168,116,-1,.
 4160 DATA 167.5,118,166,122,163.5,127,-1,.
 4170 DATA 159,142,165,143,170,144,174,144,999,.
 4180 '
 4190 '-----
 4200 'PAINT DATA
 4210 DATA 120,55,3,120,84,4,145,70,4,171,59,3,125,125,3,110,138,2

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4220 DATA 125,82,4,110,80,3,111,67,3,118,124,2,110,130,6,105,150,5
4230 DATA 113,145,1,105,178,1,120,140,1,118,150,4,109,170,4,110,178,6
4240 DATA 117,178,2,109,175.5,2,126,170,1,127,150,2,127,144,1,128,140,2
4250 DATA 128,134,1,130,127,2,140,160,1,131,160,4,134,165,4,132,150,2
4260 DATA 132,144,1,132,137,2,132,132,1,132,128,2,132,124,2,137,153,2
4270 DATA 137,145,1,136,137,2,136,130,1,135,126,2,142,150,2,142,144,1
4280 DATA 140,135,2,139,129,1,138,124,2,146,150,2,145,143,1,144,137,2
4290 DATA 143,131,1,142,127,2,150,145,2,149.5,153,1,151,154,2,205,134,2
4300 DATA 200,135,2,195,136,2,186,139,2,175,150,1,152,164,4,170,175,4
4310 DATA 152,180,6,200,140,6,190,160,5,200,160,1,210,175,4,205,180,4
4320 DATA 154,165,1,108.5,72,3,166,15,9,180,20,9,999,...
4330 '
4340 '-----
4350 'BACK & TITLE DATA
4360 '----- BACK -----
4370 DATA 0,10,85,68,223.5,162,250,180
4380 '----- PAINT -----
4390 DATA 40,15,8,200,15,8,5,20,7,76,115,7,230,175,7,89.2,105,7,999,...
4400 '----- BACK -----
4410 DATA 0,10,85,68,223.5,162,250,180
4420 '----- TITLE -----
4430 DATA 4,46,4,30,5,26,6.2,24,9,21,11,20,16,20,16,46,14,46,14,34,8,34
4440 DATA 8,32,14,32,14,22,12,22,9,24,7,26,6,30,6,46,4,46,-1,..
4450 DATA 20,46,20,44,23,44,30,37,21,29,21,27,28,20,32,20,32,22,29,22
4460 DATA 23,28,32,36,32,38,24,46,20,46,-1,..
4470 DATA 36,38,36,20,38,20,38,38,39,40,41,43,43,44,46,44,46,20,48,20
4480 DATA 48,46,42,46,39,44,37,41,36,38,-1,..
4490 DATA 52,46,52,20,54,20,54,33,57,33,60,31,62,28,62,20,64,20,64,28
4500 DATA 62,32,60,34,62,35,63,37,64,40,64,46,62,46,62,39,60,36,59,35
4510 DATA 54,35,54,46,52,46,-1,..
4520 DATA 68,46,68,30,69,26,72,22,75,20,80,20,80,46,78,46,78,34,72,34
4530 DATA 72,32,78,32,78,22,76,22,73,24,71,27,70,30,70,46,68,46,999,..
4540 '----- PAINT -----
4550 DATA 5,45,21,45,45,45,53,45,69,45,999,..
4560 '
4570 '-----
4580 'SUB LINE DATA
4590 DATA 117.5,52,116.5,49,-1,..,119,70,117,68,115,65,114,62,-1,..
4600 DATA 128.5,60,127,56,-1,..,111.5,68,110,65,109.5,63,-1,..
4610 DATA 108.5,72,106.5,69,-1,..,168,94,168,90,-1,..
4620 DATA 86.5,147,89.2,141,91,138,-1,..,90,77,88,73,87,68,-1,..
4630 DATA 121,80,128,85,-1,..,125,82,126,80,-1,..
4640 DATA 149,67,151.8,69,155.8,73,-1,..,153,68,154.5,66,-1,..
4650 DATA 151.5,71,153,71,-1,..,135.2,59,135,57,777,..
4660 DATA 111.5,76,113,75,116,74,120,73.5,-1,..
4670 DATA 112,74,114,75,115,77,-1,..
4680 DATA 113.5,78,115,77,118,76,122,77,-1,..
4690 DATA 136,67,138,65,141,63,144,62,147,61,150,60.5,153,61,-1,..
4700 DATA 138,67,141,65,143,64,148,63,-1,..
4710 DATA 156,65,157,64,-1,..,141.5,60,141.5,62,-1,..
4720 DATA 142,58,142.8,62,-1,..
4730 DATA 115,52,116,58,119.5,64,122.5,68,-1,..
4740 DATA 120.5,51,122,54,124,60,125,64,-1,..
4750 DATA 122.5,53,124,57,125,60,126.5,65,-1,..
4760 DATA 171,65,172,65,173,66,-1,..,134,148,134,150,-1,..
4770 DATA 128,151,128,155,-1,..,128.8,137,128.8,141,777,..
4780 '
4790 '-----
4800 '
4810 '-----
4820 '

```



ブリザード プリンセス 美姫

PC—8801/mk II

小河俊之

キラキラ美姫ちゃんを再現しよう！

高橋留美子キャラが多い中、同じサンデーの「ブリザード プリンセス」の美姫ちゃんのCGが届けられました。1984年6月号のCGギャラリーに掲載されたものです。原画のかわいさがそのままCGにうまく生かされていて良いできばえです。髪の色がきれいなのと、効果のキラキラ星(?)がうまく合っていて、よい演出になっています。

プログラムはペイントの境目を消すところに重点を置いているようです。

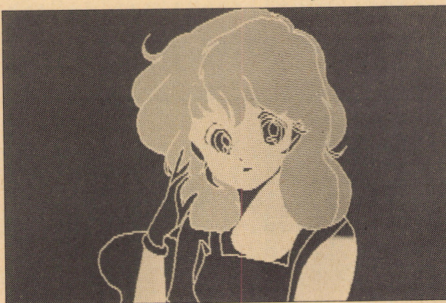
肌の色は白と黄の交互のくり返りでペイントされており、トレスラインを2回、ラインスタイルと色を変えてかき直しています。それぞれ

白→パターン &HAAAA

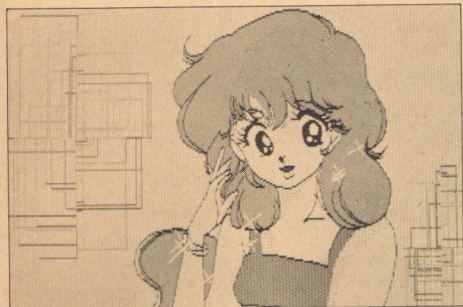
黄→パターン &H5555

ノとしています。これは、行番号1810行～1950行で行っています。こういうやり方は手間がかかりますが、やってみるだけの価値はあるでしょう。

こうしてできたCGには、さらにオマケがついています。それは2070行から先の部分で、ランダムなボックスを描いて



しましょう。また、各PAINT文のx座標に2がかけられているのもきれいではありません。たぶん実寸の値をそのまま書き込んで、画面の比率に合わせるために2をかけているのだと思います。FM—7等ならいざ知らず、PC—8801にはせつかくVIEW文とWINDOW文があるのだからそれらを使えば実寸をそのまま書き込



みます。ここで、ウインドーとビューポートを指定していることに注意してください。これは、せつかく描いた美姫ちゃんを消さないためで、2170行からのBOXコマンドは必ず指定されたビューポート内に描かれるのです。座標

を発生させる乱数の方にいろいろ処理を加えて、指定エリア内にしか出現させないこともできますが、やり方としてはこの方がスマートです。特に2ヶ所からコールされていますが、そのたびに座標値のめんどくさい計算をしなくてすんでしまうという利点もあります。

プログラムの方ですが、1300行からのデータのベタ書きはおいておくとして、1430行からのPAINT文のかたまりがちょっと目につきました。

座標値はなるべくプログラム中に書き込まないで、DATA文にするように

め、ちゃんと画面内に収まるように指定できるのです。ウインドーとビューポートは相似でなくともかまわないのですから、それをうまく活用してやればよいのです。ただしN88-BASICでは、ウインドーとビューポートが相似であってもなくても、CIRCLE文の比較が変わってくれません。それでも、ただLINE文だけなら、CGをやる上ではそんなに大きな問題ではありません。

あと、速度が気になる場合、1140行の始めに“OUT 104,0”を、2340行のENDの前に“WIDTH 80”を入れると、テキスト画面がOFFになりスピードが1.5倍ほどになります。

プリザードプリンセス 美姫 プログラムリスト

```

1000 /
1010 /
1020 / | Computer <<< P O P C O M >>> Graphics
1030 / | -----「マンショウメ ミキ」-----
1040 / | ショウカ"クカン, ショウネン サンデー, ス"ミヤ ワ" 「フ"リサ"ート" . フ"リンセス」
1050 / | #シ -----> N E C PC - 8801
1060 / | 1984 年 2 月 12 日 (日)
1070 / | By T.Ogawa JJJ.PC-8801
1080 /
1090 /
1100 /
1110 / ***** SCREEN *****
1120 /
1130 CONSOLE 0,25,0,1:WIDTH 80,25:COLOR 7,0,0,7
1140 SCREEN 0,3:CLS 3:SCREEN 0,0
1150 FOR CC=0 TO 7:COLOR=(CC,CC):NEXT CC
1160 WINDOW (0,0)-(500,180):VIEW (20,0)-(619,199)
1170 /
1180 / ***** DRAW LINE1 *****
1190 /
1200 READ X,Y:POINT (2*X,Y)
1210 READ X,Y
1220 IF X=-1 THEN 1200
1230 IF X=700 THEN 1200
1240 IF X=900 THEN 1310
1250 LINE -(2*X,Y),7
1260 GOTO 1210
1270 /
1280 / ***** PAINTING *****
1290 /
1300 / ----- タイル DATA -----
1310 T0$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H5D)+CHR$(&H0)+CHR$(&HFF)+CHR$(&HD5)
1320 T1$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HA5)+CHR$(&H0)+CHR$(&HFF)+CHR$(&H5A)
1330 T2$=CHR$(&H0)+CHR$(&HFF)+CHR$(&HAA)
1340 T3$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)
1350 T4$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H22)+CHR$(&HFF)+CHR$(&HFF)
1360 T5$=CHR$(&HDF)+CHR$(&H0)+CHR$(&H0)+CHR$(&HFD)+CHR$(&H0)+CHR$(&H0)
1370 T6$=CHR$(&HFD)+CHR$(&H0)+CHR$(&HFD)+CHR$(&HDF)+CHR$(&H0)+CHR$(&HDF)
1380 T7$=CHR$(&HFD)+CHR$(&HFD)+CHR$(&HFD)+CHR$(&HDF)+CHR$(&HDF)+CHR$(&HDF)
1390 T8$=CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)
1400 T9$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H55)
1410 TA$=CHR$(&HEE)+CHR$(&HFF)+CHR$(&HAA)
1420 /
1430 PAINT (2*120 ,40 ),T0$,7:PAINT (2*140 ,40 ),T1$,7
1440 PAINT (2*195 ,65 ),T2$,7:PAINT (2*200 ,100 ),T2$,7
1450 PAINT (2*140 ,90 ),T3$,7:PAINT (2*150 ,130 ),T3$,7
1460 PAINT (2*100 ,160 ),T3$,7:PAINT (2*190 ,150 ),T3$,7
1470 PAINT (2*120 ,170 ),T3$,7:PAINT (2*190 ,125 ),T4$,7 :
1480 PAINT (2*150 ,105 ),T4$,7:PAINT (2*170 ,140 ),T4$,7:
1490 PAINT (2*140 ,130 ),T4$,7:PAINT (2*110 ,175 ),T4$,7:
1500 PAINT (2*150 ,150 ),T5$,7:PAINT (2*150 ,170 ),T6$,7
1510 PAINT (2*110 ,120 ),T3$,7:PAINT (2*117 ,113 ),T3$,7
1520 PAINT (2*113 ,93 ),T3$,7:PAINT (2*150 ,91 ),T8$,7
1530 PAINT (2*125 ,80 ),T3$,7:PAINT (2*178 ,67 ),T3$,7
1540 PAINT (2*175 ,74 ),T3$,7:PAINT (2*175 ,78 ),T3$,7
1550 PAINT (2*100 ,132 ),T7$,7:PAINT (2*131 ,94 ),T2$,7
1560 PAINT (2*170.5,82 ),T2$,7:PAINT (2*196.5,84 ),T0$,7
1570 PAINT (2*129.5,88 ),T1$,7:PAINT (2*110 ,140 ),T0$,7
1580 PAINT (2*90 ,140 ),T0$,7:PAINT (2*159.5,63 ),T3$,7
1590 PAINT (2*159.5,59 ),T3$,7:PAINT (2*178 ,71 ),T2$,7
1600 PAINT (2*175.5,67 ),T2$,7:PAINT (2*108.5,89 ),T2$,7
1610 PAINT (2*121 ,94 ),T3$,7:PAINT (2*145.5,119 ),T4$,7 :
1620 PAINT (2*193.5,82 ),T2$,7:PAINT (2*125 ,140 ),T4$,7 :

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1630 PAINT (2*140 ,75 ), 7,7:PAINT (2*140 ,81 ), 7,7
1640 PAINT (2*142.5,80 ), 7,7:PAINT (2*160 ,65 ), 7,7
1650 PAINT (2*170 ,72 ), 7,7:PAINT (2*165 ,70 ), 7,7
1660 PAINT (2*163 ,75 ), 7,7:PAINT (2*165.5,76 ), 7,7
1670 PAINT (2*167 ,65 ), 7,7:PAINT (2*133 ,75 ), 7,7
1680 PAINT (2*113 ,125 ),TA$,7:PAINT (2*119.5,114 ),TA$,7
1690 PAINT (2*117 ,107 ),TA$,7:PAINT (2*40 ,170 ),TA$,7
1700 '
1710 '***** DRAW LINE2 *****
1720 '
1730 RESTORE 2700
1740 READ X,Y:POINT (2*X,Y)
1750 READ X,Y
1760 IF X=-1 THEN 1740
1770 IF X=900 THEN 1830
1780 LINE -(2*X,Y),0
1790 GOTO 1750
1800 '
1810 '***** DRAW SHADOW LINE *****
1820 '
1830 RESTORE 2470
1840 C1=2:C2=6:GOSUB 1890:GOSUB 1890:GOSUB 1890
1850 C1=7:C2=6:GOSUB 1890:GOSUB 1890:GOSUB 1890:GOSUB 1890:GOSUB 1890
1860 '
1870 GOTO 1990
1880 '
1890 READ X1,Y1
1900 READ X2,Y2
1910 IF X2=-1 OR X2=700 THEN RETURN
1920 LINE (2*X1,Y1)-(2*X2,Y2),C1,,&HAAAA
1930 LINE (2*X1,Y1)-(2*X2,Y2),C2,,&H5555
1940 X1=X2:Y1=Y2
1950 GOTO 1900
1960 '
1970 '***** DRAW LINE3 *****
1980 '
1990 RESTORE 4010
2000 READ X,Y:POINT (2*X,Y)
2010 READ X,Y
2020 IF X=-1 THEN 2000
2030 IF X=900 THEN 2090
2040 LINE -(2*X,Y),0
2050 GOTO 2010
2060 '
2070 '***** RANDOM BOX *****
2080 '
2090 SCREEN 0,0
2100 WINDOW (0,0)-(639,199):VIEW (22,2)-(210,160):GOSUB 2130
2110 VIEW (520,100)-(617,197):GOSUB 2130:GOTO 2240
2120 '
2130 RANDOMIZE (-800)
2140 '
2150 X=320:Y=99
2160 FOR K=1 TO 50
2170 X1=INT(RND*639):Y1=INT(RND*199):CC=(INT(RND(1)*6+1))
2180 LINE (X,Y)-(X1,Y1),CC,B
2190 NEXT K
2200 RETURN
2210 '
2220 '***** FLASH *****
2230 '
2240 WINDOW (0,0)-(500,180):VIEW (20,0)-(619,199)
2250 READ X1,Y1,X2,Y2
2260 IF X1=900 THEN 2320
2270 LINE (2*X1,Y1)-(2*X2,Y2),7

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2280 GOTO 2250
2290 /
2300 /***** ENDING *****/
2310 /
2320 IF INP(9)<>191 THEN 2320
2330 /
2340 ::::::::::: END :::::::::::
2350 /
2360 /
2370 /-----
2380 /
2390 /----- ミキ*メ (カケ) -----
2400 DATA 141,83,140,83,136.5,82,133.5,80,132,77,132,75,132.5,72,135,69
2410 DATA 136,68.5,139,69,141,70,143,73,143.5,75,144,78,-1,.
2420 /----- ヒタ*リメ (カケ) -----
2430 DATA 160,76,158.5,72,158,68,158,67,158.5,65,160,64,162,63,163,63
2440 DATA 166.5,64,169,66,170,68,171,70,171,72,170,75,168.5,77,-1,.
2450 DATA 162,76,161.5,75,162,74,163.5,74,164,75,163.5,76,162,76,-1,.
2460 /----- カケ (カミ) -----
2470 DATA 141,63,140,59.5,136,54,132,51,131,49,129,45,128.5,41,128.5,37
2480 DATA 127.5,42,126.5,39,127,36,129,31,132,26,135,23,137,22,131,25
2490 DATA 128,28,131,23,136,19,142.5,16,147,14,151,11,156,9,160,8.5
2500 DATA 165,9,169,10,170.5,11,-1,.
2510 DATA 176.5,17,180,18,183,20,187,25,188,30,188,35,189,40,191,47
2520 DATA 193,53,194.5,59,193,56,190,53,193,59,194,64,194,69,193.5,74
2530 DATA 192.5,79,-1,.
2540 DATA 191,80,190,83,190.5,86,193.5,90,196,94,197,98,197.5,104
2550 DATA 197,111,195.5,117,193.5,120,-1,.
2560 /----- カケ (クビ) -----
2570 DATA 168,92,161,99,156.5,104,152,110,149,115,146,119,143.5,123
2580 DATA 143,125,142.5,126.5,143,130,144.5,133,148,136,152,137,-1,.
2590 DATA 159,139,163,139,167,138,171,135,173,132,-1,.
2600 /----- カケ (カタ) -----
2610 DATA 201.5,118.5,197.5,123,192.5,128,189,131,185.5,135,181.5,140
2620 DATA 179,145,177,151,175,159,174,166,173,175,172,180,-1,.
2630 /----- ワキ -----
2640 DATA 130.5,133,129,130,127,128,125.5,128,125,133,124,138,122,146
2650 DATA 122,151,-1,.
2660 /----- カケ (ヒジ) -----
2670 DATA 107.5,160,109,162,110,166,111,172,111.5,180,700,.
2680 /-----
2690 /----- ウデ (ミキ) -----
2700 DATA 86,180,88,171,90,162,92,153,94,144,95,138,96.5,131,-1,.
2710 DATA 107,180,106.5,160,106,137,-1,.
2720 /----- テ. テクビ. ヲビ -----
2730 DATA 98,124,99,121,102,116,104,112,108,105,109,102.5,110,99,111,95
2740 DATA 113,89,114,86,115,83,116.5,80,117.5,79,118,80
2750 DATA 117.5,82,116,87,114.5,91,-1,.
2760 DATA 106,132,107,126,107,125.5,108.5,125,110,124,111.5,122.5
2770 DATA 113,121,114,118,114.5,115,114,111,113.5,109,113,106,113,105
2780 DATA 113.5,101,114.5,99,116,97,119,94,120.5,92,121,91,121,90,118,92
2790 DATA 115,94,112.5,96,111,97.5,110,99,-1,.
2800 DATA 113,121,115.5,119,117,117,118,115,119,113,121,110,123,107
2810 DATA 124.5,105,125,104,125,102,124,102,121,104,119,106,117,109
2820 DATA 116,104,116,102,116.5,100,118.5,97,120,96,121.5,94,122,93
2830 DATA 119,94,-1,.
2840 DATA 114.5,91,117,89,120,86,121.5,84.5,121.5,86,121,88,118,92,-1,.
2850 /----- カタ (ミキ) -----
2860 DATA 106.5,161,108,158,110,152,111,147,112,142,113,133,113.5,130
2870 DATA 114,127,115,123,116,120,117.5,117,119,115,120,114.5,-1,.
2880 /----- カタ (ヒタ*リ) -----
2890 DATA 197.5,180,197.5,176,198,172,200,164,202,157,204,150,205,145
2900 DATA 206,137,206,133,205.5,127,204.5,123,202.5,119,200,116,-1,.
2910 DATA 170,180,170,171,171,160,173,148,175,141,178,135,182,128
2920 DATA 186,123,-1,.

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2930 '----- シ+ツ -----
 2940 DATA 130,180,129,176,127,170,126.5,167,126,164,-1,,
 2950 DATA 131,169,127,165,124,161,122.5,158.5,122,156,122,154,122,153
 2960 DATA 123,150,124,147,127,141,128,137,127.5,133,127,130,-1,,
 2970 DATA 128,137,131,136,130.5,130,131,123,-1,,
 2980 DATA 137,124,136.5,127,137,133,137.5,136.5,144,137,152,138,157,139
 2990 DATA 166,141,171,143,172,137,173,133,174,130,176,126,178.5,122,-1,,
 3000 DATA 126,164,145,165,154,166,163,168,170,170,-1,,
 3010 '----- フジ. 林 -----
 3020 DATA 169,87,167,90,163.5,94,160,97,155,100,152,101.5,146,100
 3030 DATA 141,98,137.5,96,135,94,132,90,130,86,128,82,126,79,123.5,76
 3040 DATA 121,74,-1,,
 3050 '----- クビ -----
 3060 DATA 145,100,146,103,147,109,147,112,-1,,
 3070 DATA 165,105,166,106,166,107,165,110,163,114,159,119,162,118
 3080 DATA 164,117.5,168,118,170,118,-1,,
 3090 '----- カミ/ケ -----
 3100 DATA 169,87,168,92,167,97,167,99,168,105,170,111,174,118,176,120
 3110 DATA 179,122,183,123,186,123,190,122,192.5,121,195,120,198,118.5
 3120 DATA 201,115,203,110,204,105,203.5,99,201,94,198,89,195,86
 3130 DATA 194,85,192.5,84,191,81,191,79,192,76,193,73,-1,,
 3140 DATA 191,80,192,82,194,84,197,85,199,84,202,80,199,83,197,83
 3150 DATA 194,82,192,79,192,77,193,73,-1,,
 3160 DATA 193,81,197,79,200,75,201,72,202,68,202,67,201,60,200,57
 3170 DATA 198,53,196,50,194,47,193,45,192,42,192,40,192,37,192,35
 3180 DATA 191,29,190,26,189,24,186,20,182,17,180,16,178,15.5,177,15.5
 3190 DATA 176,17,-1,,
 3200 DATA 145,108,146,109,147,112,147,114,146.5,117,144,120,142,121
 3210 DATA 141,123,139,123,137,124,136,124,134,123,132,123,129,123
 3220 DATA 127,122,125,122,122,121,121,119,120.5,115,122,109,-1,,
 3230 DATA 118,107,117,106,116,103,-1,,
 3240 DATA 112,91,110,89,109,87,109,84,109,87,109.5,91,110.5,93,109.5,93
 3250 DATA 108,91,107.5,89,108,85,109,81,112,76,116,70,-1,,
 3260 DATA 109,82,105,81,102,80,99,78,96,75,94,70,93.5,65,94,61,95,58
 3270 DATA 97,55,102,49,111,39,-1,,
 3280 DATA 95.5,57,93,55,91,50,91,48,92,43,93,41,95.5,38,100,34,103,32
 3290 DATA 107,29,103.5,32,100,31,97.5,29,96.5,26,96.5,25,97,22,98,19
 3300 DATA 100,16,-1,,
 3310 DATA 97,22,97.5,25,99,27,101,28,102,28,106,27,108,25,111.5,21
 3320 DATA 115,18,117,17,120,16,122,16,126,13,131,10,139,6,146,4
 3330 DATA 152,3,155,3,162,4,164,5,168,8,171,11,173,14,174,16,-1,,
 3340 DATA 164,5,168,6,171,8,174,10,176,14,176,17,-1,,
 3350 '----- リカ"ミ -----
 3360 DATA 120.5,73,122,70,123,65,122,61,121,57,121,55,122,51,-1,,
 3370 DATA 123,63,126,64,127,64,129,63,130,62,128,60,127,58,126,55
 3380 DATA 127,57,130,60,133,61,136,60,134,59,131.5,56,131,50,-1,,
 3390 DATA 141,62,141.5,65,141,68,142.5,65,143,63,142.5,60,141,54
 3400 DATA 140,52,137,49,-1,,
 3410 DATA 141,54,144,60,145,64,145,66,143.5,70,147,68,148,67,150,64
 3420 DATA 151,60,151,58,150.5,53,149,49,150.5,53,153.5,57,156,59
 3430 DATA 159,60,157,57,156,55,155,51,154,48,153,45,151,42,149.5,41,-1,,
 3440 DATA 155,51,157,55,158.5,57,161,59,164,61,167,62,169,62,172,61,-1,,
 3450 DATA 171,62,172.5,64,173.5,65,176,66,179,65,-1,,
 3460 DATA 174,65,175,68,177,69,179,69.5,181,69,-1,,
 3470 DATA 178,70,180,71,183,71,184,70,183,71,181,72,179,72,176,71
 3480 DATA 174,69,174,67,-1,,
 3490 DATA 174,70,174,72,173,78,172,81,169,87,-1,,
 3500 '----- ミ (ミヅ) -----
 3510 DATA 122,75,121.5,76,121.5,77,122,80,124,83,127,86,129,87,-1,,
 3520 DATA 129,84,129,87,128,90,126,92,129,90,130.5,88,-1,,
 3530 DATA 129,90,129,93,130,96,132.5,99,135,100,137,100.5,139,100
 3540 DATA 135.5,99,133.5,97,133,94,133,92,-1,,
 3550 '----- ミ (ヒタ"リ) -----
 3560 DATA 178,66,180,67,180,71,-1,,
 3570 DATA 179.5,73,178,77,175,80,173,82,171,83,-1,,
 3580 DATA 175,65,177,68,181,69, 1,,

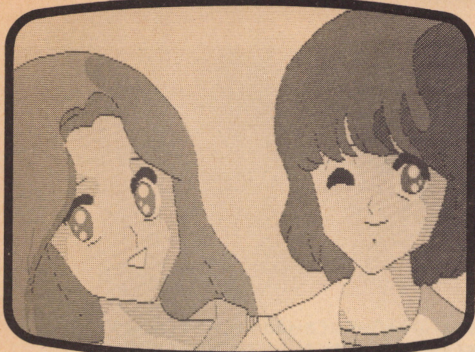
3590 DATA 177.5,73,176,75,174,77,173,78,172,80,169.5,81,168.5,81
 3600 DATA 168,80,168,82,169,83,171,83,-1,.
 3610 '----- ヌ (ミヅ) -----
 3620 DATA 142,83,141,83,139,82,137,81,135,78,134.5,75,135,72,137,71
 3630 DATA 139,71,140.5,72,141.5,73,142.5,75,144,79,144,80,143,82
 3640 DATA 142,83,-1,.
 3650 DATA 138,76,138,73,139,72,140.5,73,142,75,142.5,77,142.5,78
 3660 DATA 141.5,79,141,79,139.5,78,138,76,-1,.
 3670 '----- ヌ (ヒタリ) -----
 3680 DATA 164,79,161,78,160,76,159.5,73,159,70,159.5,68,161,66,163,65
 3690 DATA 165,65,167,66,168.5,68,169,70,169,72,168.5,75,168,77,167,78
 3700 DATA 164,79,-1,.
 3710 DATA 164,73,163,72,162.5,70,163,67,164,66,165,66,166,67,167,68
 3720 DATA 167.5,70,167,72,166,73,164,73,-1,.
 3730 '----- ヌ (ミヅ) -----
 3740 DATA 131,78,130.5,78,129,76,128.5,74,129,72,130,70,132,67,134,65
 3750 DATA 135,65,137.5,66,140,68,140.5,69,139.5,69,138.5,68,136,67
 3760 DATA 134,67,132,69,131,71,130,74,130.5,76,131,78,-1,.
 3770 '----- ヌ (ヒタリ) -----
 3780 DATA 156,64,157,62,158,61,159,60,161,60,164,61,169,64,171.5,66
 3790 DATA 172.5,67,172.5,69,172,71,171,71,171,69,170.5,67,167,64,163,62
 3800 DATA 161,61.2,159,62,157.5,65,157,64,156,64,-1,.
 3810 '----- ヒトミ (ミヅ) -----
 3820 DATA 138.5,80,139,79,140,79,141,80,141,81,140,82,139,81,138.5,80,-1,.
 3830 DATA 142.5,81,142,80,142,79,143,79,143.5,80,143,81,142.5,81,-1,.
 3840 '----- ヒトミ (ヒタリ) -----
 3850 DATA 165.5,77,164.5,76,164.5,75,166,75,166.5,76,165.5,77,-1,.
 3860 '----- ハナ -----
 3870 DATA 150,84,148.5,85,147.5,84.2,147,86,149.5,88,148.5,85,-1,.
 3880 '----- クチ -----
 3890 DATA 147,90,151,89.5,155,89.5,153,91,151,92,150,92,148,91,147,90,-1,.
 3900 '----- リンク -----
 3910 DATA 96,131,95.5,129,95,128,96,126,96.5,125,98,124,99,127,101,130
 3920 DATA 103,131,106,132,107,130,108,131,108.5,132,108.5,134,108,136
 3930 DATA 107,137,104,137,101,136,98.5,134,96,131,-1,.
 3940 '----- カミ (ハツク) -----
 3950 DATA 114,128,112,127,108,126,-1,.
 3960 DATA 98.5,123,94,123,87,124,81,126,78,128,75,131,73,134,72,138
 3970 DATA 72,141,73,145,77,151,81,154,83,156,83.5,159,83,163,80.5,166
 3980 DATA 76,169,71,171,69,173,67,176,67,177,68,180,900,.
 3990 '-----
 4000 '----- カミ. etc. -----
 4010 DATA 104,47,99,56,97,62,96.5,65,97,69,98,72,100.5,76,105,80
 4020 DATA 109,82,-1,.
 4030 DATA 96,30,98,32,100,33,103,32,-1,.
 4040 DATA 197,54,199,58,200,62,200,65,199.5,70,198,75,196,79,193,81,-1,.
 4050 DATA 195,86,198,86,200,85,-1,.
 4060 DATA 180,96,179,98,178,102,179,107,181,112,184,116,188,119
 4070 DATA 192.5,121,-1,.
 4080 DATA 179,98,177.5,103,178,107,179,111,181,114,184.5,118,188,120
 4090 DATA 192.5,121,-1,.
 4100 DATA 175,103,174,106,174,108,175,112,177,116,182,120,187,122
 4110 DATA 190,122,-1,.
 4120 DATA 169,87,167,92,166,96,165.5,100,166,105,168,110,170.5,114
 4130 DATA 174,118,-1,.
 4140 DATA 144,110,144.5,114,144,118,142,121,140,122,-1,.
 4150 DATA 134,116,135,120,137,122,139,123,-1,.
 4160 DATA 134,116,133,118,133,119,134,122,136,123,139,123,-1,.
 4170 DATA 132.5,121,134,123,-1,.
 4180 DATA 128,102,126,107,125.5,112,127,117,128,121,131,123,-1,.
 4190 DATA 126,107,125,110,124.5,115,125,119,127,122,-1,.
 4200 DATA 128,95,125.5,99,124,102,-1,.
 4210 DATA 126,86,126,88,125,91,123,95,120,99,119,102,118,106,-1,.
 4220 DATA 126,86,125,89,123,92,121.5,95,119,98,118,101,117.5,103
 4230 DATA 118,107,-1,.

```

4240 DATA 116,97,115,99,114.5,101,-1,.
4250 DATA 114,92,114,94,-1,.
4260 DATA 87,124,83,126,79,129,76,132,74,135,73,139,74,143,76.5,147
4270 DATA 80.5,151,83.5,154,84.5,158,83,163,-1,.
4280 DATA 76,169,72,172,70,175,69,177,69,178,69.5,180,-1,.
4290 DATA 98,123,94,122,92,122,87,123,82,124,78,126,74,129,71,134
4300 DATA 70,139,70,140,71,145,73,148,77,151,81,155,82,157,82,159
4310 DATA 81,162,77,166,72,169,70,170,67.5,172,66,174,65.5,176
4320 DATA 66.5,180,-1,.
4330 DATA 121,74,120,76,120,77,121,79,-1,.
4340 DATA 120,64,121,66,121,68,120,71,117,72,115,71,-1,.
4350 DATA 121,62,121.5,65,121.5,67,121,70,120,72,117,74,-1,.
4360 DATA 123,63,124,65,124.5,67,124,69,122.5,72,120.5,73,-1,.
4370 DATA 122,61,124.5,62,123,60,122.5,57,122.5,56,123,52,123,57
4380 DATA 125,61,129,63,-1,.
4390 DATA 124.5,52,124,54,125,58,126,60,-1,.
4400 DATA 128,51,128,53,128.5,57,130,60,-1,.
4410 DATA 144,60,144,62,143.5,66,142,68,-1,.
4420 DATA 151,59,151,61,150.5,66,148,69,-1,.
4430 DATA 172.5,54,174,57,176.5,59,180,58,-1,.
4440 DATA 170,53,171.5,56,174,58,176,59,-1,.
4450 DATA 162,43,163,45,163.5,50,164,54,165,56,167,58,172,61,175,61,-1,.
4460 DATA 163.5,50,165,54,167,56,169.5,58,172,59,174,59,177,58,-1,.
4470 '----- マツケ -----
4480 DATA 138,83,137,84,-1,..,142,83,139,83,138,84,-1,.
4490 DATA 162,79,166,79,167,78,169,78,-1,..,168.5,77,170,77,-1,.
4500 '----- クチノ シタ -----
4510 DATA 149.5,95,151,96,154.5,94,-1,.
4520 '----- マツケ -----
4530 DATA 130,78,128,79,-1,..,128.5,76,125,77,-1,.
4540 DATA 128.5,74,127,75,125,74,-1,..,129,72,127,72,125,71,-1,.
4550 DATA 129.5,70,127.5,69,-1,.
4560 DATA 156,64,153,64,-1,..,157,62,156,62,154,61,-1,.
4570 DATA 172,70,174.5,71,-1,..,173,69,176,69,-1,.
4580 DATA 172,66,173.5,66,176,65,-1,..,169.5,64,171,64,173,63,-1,.
4590 DATA 167,63,171,62,-1,.
4600 '----- リンク -----
4610 DATA 98,124,98,128,97,130,95.5,130,97,130,100,134,100,135,100,134
4620 DATA 102.5,134,103,131,102.5,134,105,134,106,132,108.5,133,105,134
4630 DATA 106,135,106,137,-1,.
4640 '----- マツケ -----
4650 DATA 129,71,130,68,131,68,132,65,-1,.
4660 DATA 156,62,158,60,-1,..,162,59,165,60,168,62,-1,.
4670 DATA 129,63,130,64,133,65,136,63,135,63,131,61,133,63,136,64
4680 DATA 139,62,-1,.
4690 '----- マ -----
4700 DATA 123,67,126,63,128,61,132,59,134,59,138,60,140,62,141,64
4710 DATA 141.5,66,141,67,-1,.
4720 DATA 135,59,138,61,139,62,140,64,140,65,139.5,66,-1,.
4730 DATA 155,55,157,54,158,54,163,55,167,57,169,58,172,60,174,62,900,.
4740 '----- フラッシュ -----
4750 DATA 92,128,96,135,89,135,97,128,88,140,103,126,92,123,102,138
4760 DATA 105,144,112,154,104,153,113,146,126,134,135,128,129,126,133,134
4770 DATA 126,123,137,115,128,115,135,125,175,93,178,99,174,96,180,91
4780 DATA 174,98,180,94,175,89,179,96,182,83,190,79,186,76,190,84
4790 DATA 900,.....
4800 '
4810 '----- GAME OVER -----
4820 '

```

By.JJJ



みゆき

PC—8801/mk II

村井忠雄

TV版のふたりのみゆきがにっこりほほえむ

これはTV版のふたりのみゆきです。絵のタッチがいかにもアニメ風のベタぬりの感じで、絵、色とも今一步工夫が必要です。うる星キャラが圧倒的に多い中で、ちょっと変わった存在になり、それがうまくいったようです。あだちキャラはCGの中ではわりと穴馬的存在かも知れません。

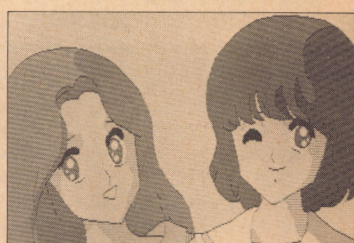
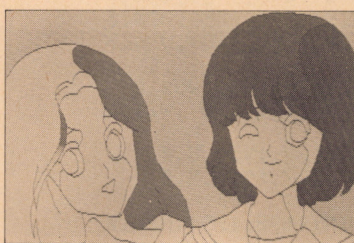
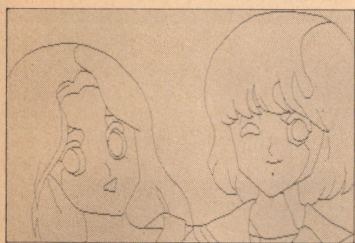
さて、プログラムの方は、四角く囲ったコメントが見やすく、すんなりとできています。ただ、370行から760行までのペイントパターンとその座標が決めうちになっているのがちょっと気

になります。確かにプログラム中でベタ書きした方がデバッグは楽だし作りやすくなります。ところがプログラムは長くなるし、PAINT文がたくさん並んでいるのは美しいものではありません。これらもすべてDATA文にしてしまうのがよいやり方です。次に新しいCGを描くとき、DATA部分だけ直せばよいわけですから。常連の人たちのテクニックを調べてみるとよいでしょう。

他のキャラにもいろいろ挑戦してみて下さい。

作者のプロフィール

「マイコン歴1年2ヶ月。このCGはコンピュータを買ったときからやってみたくて思っていました。今、機械語をマスターしたいと思っていますのですが、ゲームの方へとすぐ手が出てしまい、まだまだです」



みゆき プログラムリスト

```
100 /
110 |
120 |      MIYUKI.WAKAMATHU
130 |
140 |      and
150 |      MIYUKI.KASHIMA
160 |
170 |      Copyright by TADAON   for PC-8801   1984年5月7日 (月)
180 |
190 |
200 |
210 |  ショキ セツテイ |
220 |
230 | CONSOLE 0,25,0,1:WIDTH 80,20
240 | SCREEN 0,3:CLS 2:SCREEN 0,0
250 | COLOR 7,7,0:CLS 2:COLOR 7,0,0
```

リスト続く

```

255 WINDOW(0,0)-(639,199)
260 '
270 ' リンカクセン |
280 '
290 READ X,Y:IF X=999 AND Y=999 THEN 1000
300 PSET (X,Y),0
310 READ X,Y:IF X=0 AND Y=0 THEN 290
320 LINE-(X,Y),0
330 GOTO 310
340 '
350 ' ^°イント |
360 '
370 ' TILE DATA
380 H1$=CHR$(&H0)+CHR$(&H11)+CHR$(&H0)+CHR$(&H0)+CHR$(&H44)+CHR$(&H0)
390 H2$=CHR$(&H0)+CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)+CHR$(&H55)+CHR$(&H0)
400 H3$=CHR$(&HAA)+CHR$(&H0)+CHR$(&H0)+CHR$(&H55)+CHR$(&H0)+CHR$(&H0)
410 H4$=CHR$(&HFF)+CHR$(&H0)+CHR$(&H0)
420 F1$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HAA)+CHR$(&H0)+CHR$(&HFF)+CHR$(&HAA)
430 F2$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)
440 W1$=CHR$(&HAA)+CHR$(&H0)+CHR$(&HFF)
450 W2$=CHR$(&HFF)+CHR$(&H0)+CHR$(&HAA)
460 W3$=CHR$(&HAA)+CHR$(&HFF)+CHR$(&H0)
470 W4$=CHR$(&HFF)+CHR$(&HAA)+CHR$(&H0)
480 W5$=CHR$(&H55)+CHR$(&HAA)+CHR$(&H0)
490 W6$=CHR$(&H11)+CHR$(&H11)+CHR$(&HFF)
500 ' PAINTING POINT
510 PAINT(550,50),H1$,0:PAINT(475,70),H1$,0
520 PAINT(550,50),H1$,0:PAINT(475,70),H1$,0
530 PAINT(450,30),H2$,0
540 PAINT(150,40),H3$,0:PAINT(125,100),H3$,0:PAINT(100,155),H3$,0
550 PAINT(150,60),H3$,0
560 PAINT(100,40),H4$,0
570 PAINT(540,110),F1$,0:PAINT(490,90),F1$,0:PAINT(495,85),F1$,0
580 PAINT(500,150),F1$,0:PAINT(440,180),F1$,0:PAINT(150,105),F1$,0
590 PAINT(135,100),F1$,0:PAINT(110,135),F1$,0:PAINT(200,89),F1$,0
600 PAINT(230,100),F1$,0:PAINT(200,175),F1$,0
610 PAINT(440,75),F2$,0:PAINT(470,100),F2$,0:PAINT(470,160),F2$,0
620 PAINT(412,88),F2$,0:PAINT(150,80),F2$,0:PAINT(180,180),F2$,0
630 PAINT(500,90),0,0:PAINT(430,100),0,0:PAINT(210,98),0,0:PAINT(130,115),0,0
640 PAINT(470,190),W1$,0:PAINT(470,195),W1$,0
650 PAINT(440,190),W2$,0:PAINT(440,195),W2$,0
660 PAINT(470,190),W1$,0:PAINT(470,195),W1$,0
670 PAINT(550,180),W2$,0:PAINT(590,195),W2$,0
680 PAINT(370,190),W3$,0:PAINT(550,198),W3$,0
690 PAINT(590,190),W4$,0
700 PAINT(330,195),3,0:PAINT(620,195),W5$,0
710 PAINT(300,170),W2$,0:PAINT(140,196),W2$,0
720 PAINT(330,180),W6$,0
730 PAINT(270,195),5,0:PAINT(127,195),5,0
740 PAINT(270,195),5,0:PAINT(127,195),5,0
750 PAINT(510,100),H2$,0
760 PAINT(210,110),H3$,0:PAINT(130,125),H3$,0
770 '
780 ' シュウセイ |
790 '
800 READ C:IF C=0 THEN 810
810 READ X,Y:IF X=999 AND Y=999 THEN 860
820 PSET (X,Y),C
830 READ X,Y:IF X=0 AND Y=0 THEN 800
840 LINE-(X,Y),C
850 GOTO 830
860 '
870 ' 木 |
880 '
890 READ X,Y,R:IF X=0 AND Y=0 AND R=0 THEN 1030
900 CIRCLE(X,Y),R,7
910 PAINT(X,Y),7,7
920 GOTO 890
1000 C$=CHR$(&HAA)+CHR$(&H55)+CHR$(&HFF)+CHR$(&HFF)+CHR$(&H55)+CHR$(&HFF)
1010 PAINT(320,10),C$,0
1020 GOTO 340
1030 GOTO 1030

```

2000 'MIYUKI.WAKAMATSU
 2010 'カノ リンカ
 2020 DATA 397,97,400,100,403,105,405,110,408,115,410,120,412,125,413,130
 2030 DATA 414,132,421,135,460,152,464,153,480,150,490,147,500,144
 2040 DATA 510,142,520,139,530,136,535,130,540,125,543,120,547,115,549,110
 2050 DATA 551,105,552,102,0,0
 2055 'フ
 2060 DATA 386,94,390,96,395,97,397,97,400,97,408,95,410,93,0,0
 2070 DATA 395,90,400,92,408,93,410,93,414,93,412,90,410,88,408,85,406,80
 2080 DATA 405,77,0,0
 2090 DATA 408,85,410,86,415,88,420,90,430,92,438,91,435,90,431,85,430,83
 2100 DATA 429,80,428,75,429,70,429,69,0,0
 2110 DATA 430,83,433,85,435,87,440,88,446,89,452,89,450,88,446,85,440,80
 2120 DATA 438,75,437,70,440,65,440,70,442,75,446,80,450,83,453,85,457,86
 2130 DATA 460,87,464,87,0,0
 2140 DATA 450,75,452,78,455,80,460,84,461,85,464,87,470,88,480,89,490,88
 2150 DATA 498,87,494,85,490,81,489,80,487,75,483,70,481,65,480,60,0,0
 2160 DATA 487,75,490,78,492,80,500,85,507,87,510,88,517,90,520,91,526,92,0,0
 2170 DATA 518,85,520,87,524,90,526,92,530,94,532,95,540,98,545,100,550,102
 2180 DATA 560,103,555,100,550,96,549,95,545,90,540,85,0,0
 2190 DATA 422,158,420,157,417,155,412,150,409,145,409,145,410,137,0,0
 2200 DATA 412,150,403,145,400,142,397,135,396,132,0,0
 2210 DATA 412,150,410,151,400,151,395,151,390,149,385,147,380,145,375,142
 2220 DATA 373,140,372,137,372,135,373,132,374,130,380,125,0,0
 2230 DATA 372,137,369,135,364,130,363,127,363,125,365,123,367,120,370,117
 2240 DATA 371,115,374,110,375,107,375,105,374,103,373,100,370,96,365,90
 2250 DATA 361,85,359,80,358,75,358,70,359,63,360,58,362,55,365,50,368,45
 2260 DATA 370,43,372,40,379,35,388,30,390,28,396,25,400,23,405,20,410,18
 2270 DATA 417,15,420,14,430,11,440,8,450,7,460,6,470,5,500,5,520,6,530,7
 2280 DATA 540,8,550,9,560,12,566,14,570,15,581,20,589,25,596,30,601,35
 2290 DATA 610,45,612,48,613,50,618,55,619,60,620,65,620,70,619,75,619,80
 2300 DATA 616,85,612,90,608,95,607,100,606,105,606,110,608,115,610,117
 2310 DATA 612,120,617,125,616,130,610,139,609,135,0,0
 2320 DATA 601,123,603,125,608,130,609,135,604,140,600,143,593,148,590,149
 2330 DATA 585,150,580,151,583,148,586,145,586,140,587,135,586,132,0,0
 2340 DATA 586,140,582,145,575,150,570,152,565,154,560,155,553,155,0,0
 2350 DATA 569,140,567,145,562,150,560,152,553,155,542,155,0,0
 2360 DATA 554,145,550,149,542,155,540,157,532,159,0,0
 2370 DATA 558,107,560,110,561,115,561,120,560,122,558,125,0,0
 2380 'クヒ
 2390 DATA 445,145,448,150,443,155,442,157,438,158,435,160,432,165,431,170
 2400 DATA 430,175,430,180,431,183,432,185,433,190,437,195,440,199,0,0
 2410 DATA 510,142,510,145,511,150,512,155,514,158,521,160,521,165,520,170
 2420 DATA 517,175,515,177,514,178,510,182,506,185,500,189,498,191,493,195
 2430 DATA 490,196,485,199,0,0
 2440 'フ
 2450 DATA 431,183,440,184,450,185,460,186,470,186,480,185,490,184,500,183
 2460 DATA 510,182,0,0
 2470 DATA 433,190,440,191,450,192,460,193,470,193,480,192,490,192,498,191,0,0
 2480 DATA 443,155,437,155,430,156,422,158,420,159,410,162,400,166,390,168
 2490 DATA 380,170,370,172,360,175,350,176,338,176,339,180,342,185,350,190
 2500 DATA 360,195,370,199,0,0
 2510 DATA 521,160,524,158,525,158,530,159,540,164,550,168,560,172,570,175
 2520 DATA 580,177,590,180,600,182,610,185,620,188,625,190,620,192,610,194
 2530 DATA 600,196,590,198,580,199,0,0
 2540 DATA 338,179,330,182,326,185,320,188,311,195,305,199,0,0
 2550 DATA 623,191,630,194,635,195,639,198,0,0
 2560 DATA 360,175,360,177,364,180,370,184,380,189,390,194,400,198,405,199,0,0
 2570 DATA 350,176,350,178,351,180,358,185,365,190,370,193,375,195,380,197
 2580 DATA 388,199,0,0
 2590 DATA 600,182,590,185,580,188,570,191,560,193,550,195,540,197,530,198
 2600 DATA 525,199,0,0
 2610 DATA 610,185,600,189,590,192,580,194,570,196,560,198,552,199,0,0
 2620 'マホ
 2630 DATA 412,90,415,88,0,0,443,83,450,83,0,0
 2640 'メ
 2650 DATA 416,97,418,92,420,90,0,0,446,89,449,93,0,0
 2660 DATA 420,107,417,106,417,104,420,100,428,96,435,96,440,97,443,98,447,100
 2670 DATA 448,104,448,105,447,105,430,104,425,105,420,107,0,0
 2680 DATA 507,87,500,88,497,90,491,94,491,96,497,97,500,95,505,93,510,93
 2690 DATA 513,93,519,95,522,97,525,102,530,103,532,103,532,100,530,95,0,0
 2700 DATA 493,97,492,100,492,105,494,110,510,114,520,111,522,110,528,105

2710 DATA 529,103,0,0
 2720 DATA 510,93,505,95,502,97,500,100,500,105,501,107,505,109,510,110,515,110
 2730 DATA 520,109,525,107,526,105,528,103,0,0
 2740 'ハナ
 2750 DATA 467,112,465,115,462,117,466,120,468,121,0,0
 2760 'クチ
 2770 DATA 459,126,470,127,480,126,485,125,0,0
 2780 DATA 468,135,471,135,470,137,468,135,0,0
 2790 'カミ / カケ
 2800 DATA 566,14,560,14,550,15,540,17,530,20,525,23,520,25,517,30,515,35
 2810 DATA 516,40,517,45,519,50,521,55,528,60,532,65,534,68,535,70,534,73
 2820 DATA 531,75,529,76,524,76,520,75,515,70,510,65,508,60,505,55,501,60
 2830 DATA 500,65,501,70,503,75,509,80,518,85,0,0
 2840 DATA 480,63,475,64,472,66,470,70,470,75,472,78,476,80,481,82,486,85
 2850 DATA 498,88,0,0
 2860 'カオ / カケ
 2870 DATA 480,89,483,93,489,95,491,96,0,0
 2880 DATA 520,112,525,115,528,117,528,120,526,125,521,130,516,135,510,139
 2890 DATA 500,144,0,0
 2900 'クヒ / カケ
 2910 DATA 480,150,487,150,489,155,493,160,498,165,502,170,504,175,508,178
 2920 DATA 512,178,0,0
 2930 DATA 431,170,450,185,0,0
 2940 'ク / カケ
 2950 DATA 516,177,520,176,521,176,530,178,533,180,540,184,550,190,555,195
 2960 DATA 561,199,0,0
 2970 DATA 450,185,448,190,447,195,447,199,0,0
 2980 'KASHIMA.MIYUKI
 2990 'カオ / リンカ
 3000 DATA 100,135,110,140,118,145,124,150,130,154,140,160,145,162,150,164
 3010 DATA 160,165,170,166,210,168,217,168,222,167,223,165,230,158,233,155
 3020 DATA 239,150,244,145,249,141,249,135,248,130,240,100,0,0
 3030 'カミ / リンカ
 3040 DATA 140,63,130,62,125,63,120,64,118,65,115,67,112,70,112,75,117,80
 3050 DATA 121,85,127,90,130,95,131,96,131,105,130,110,129,113,127,115,121,120
 3060 DATA 115,125,110,128,100,135,93,140,89,145,84,150,82,155,80,160,80,163
 3070 DATA 75,150,75,145,75,144,78,140,80,135,82,130,82,128,0,0
 3080 DATA 140,63,141,60,143,58,146,56,150,54,160,54,170,56,172,58,176,60,180,65
 3090 DATA 183,70,187,75,190,79,197,85,200,87,207,90,210,92,220,94,230,97
 3100 DATA 240,100,250,102,0,0
 3110 DATA 119,82,120,79,124,75,130,73,138,72,149,72,150,70,155,67,160,66,170,66
 3120 DATA 180,67,182,68,0,0
 3130 DATA 0,170,7,165,11,160,16,155,20,150,22,145,25,135,22,130,20,125,17,120
 3140 DATA 14,115,11,110,10,105,9,100,8,95,8,90,9,85,11,80,14,75,19,70,22,65
 3150 DATA 27,60,33,55,40,50,49,45,59,41,69,38,78,36,88,34,100,33,110,32,120,31
 3160 DATA 130,31,140,31,150,32,160,33,170,35,180,37,190,39,200,42,209,45,219,50
 3170 DATA 229,55,238,60,247,65,253,70,258,75,263,80,266,85,269,90,270,95
 3180 DATA 270,100,271,105,273,110,275,115,278,120,280,123,288,130,295,135
 3190 DATA 300,138,310,143,315,145,320,148,322,150,329,155,332,160,334,165
 3200 DATA 337,170,338,175,338,177,0,0
 3210 DATA 112,76,112,73,118,70,120,69,129,66,132,66,0,0
 3220 DATA 98,140,100,145,105,150,108,155,112,160,119,165,120,166,0,0
 3230 DATA 280,153,289,160,292,165,292,166,0,0
 3240 DATA 276,145,280,147,285,150,290,155,295,160,299,165,300,167,0,0
 3250 'クヒ
 3260 DATA 155,165,158,170,160,175,161,180,161,185,160,190,153,193,150,195
 3270 DATA 139,199,0,0
 3280 DATA 225,165,228,170,230,172,235,175,240,176,242,177,250,178,287,178,0,0
 3290 'ク
 3300 DATA 160,189,130,192,126,193,119,199,0,0
 3310 DATA 255,178,283,167,290,166,297,166,300,167,326,172,325,180,324,187,0,0
 3320 DATA 289,168,290,171,290,177,286,180,280,185,274,190,253,199,0,0
 3330 DATA 325,175,339,177,0,0
 3340 'ボナ
 3350 DATA 130,105,145,100,0,0,192,90,206,90,0,0
 3360 'X
 3370 DATA 116,125,120,126,122,124,126,120,130,117,138,115,151,115,151,113
 3380 DATA 150,111,146,110,138,110,130,112,0,0
 3390 DATA 195,110,193,105,194,102,197,100,200,98,205,95,214,95,220,97,221,98
 3400 DATA 223,100,223,102,222,104,219,104,214,101,210,100,209,100,203,102
 3410 DATA 200,105,198,110,195,110,0,0
 3420 DATA 120,125,125,130,129,133,132,134,136,135,143,137,150,136,155,135

3430 DATA 160,132,160,127,159,123,157,120,150,115,0,0
 3440 DATA 196,110,197,115,200,120,207,124,217,124,220,123,224,122,225,120
 3450 DATA 228,115,227,110,222,104,0,0
 3460 DATA 134,116,140,117,142,118,146,120,150,125,150,130,150,132,145,134
 3470 DATA 140,135,135,135,134,134,0,0
 3480 DATA 196,110,199,115,205,120,210,122,215,122,220,120,221,115,221,110
 3490 DATA 216,105,212,104,208,103,205,103,202,104,0,0
 3500 'ハ
 3510 DATA 192,127,198,131,200,132,200,138,0,0
 3520 'ク
 3530 DATA 190,145,209,139,211,139,208,149,190,148,190,145,0,0
 3540 'カミ / カケ
 3550 DATA 148,32,140,35,139,36,139,41,141,45,150,50,160,53,170,56,0,0
 3560 DATA 116,80,118,85,120,90,121,95,121,105,120,110,116,115,110,120,104,125
 3570 DATA 98,130,90,135,85,140,82,142,76,150,0,0
 3580 DATA 76,154,71,160,70,165,70,170,71,175,72,180,76,185,75,180,76,175
 3590 DATA 79,170,80,175,81,180,83,185,87,190,90,195,97,199,0,0
 3600 'カ / カケ
 3610 DATA 130,98,140,100,150,101,153,101,155,102,157,104,157,108,155,110
 3620 DATA 152,113,0,0
 3630 DATA 125,131,121,133,120,135,120,142,121,147,0,0
 3640 DATA 197,85,194,83,192,94,195,97,198,100,0,0
 3650 DATA 224,122,230,123,232,125,239,130,239,135,236,140,231,145,229,150
 3660 DATA 227,155,223,160,220,164,219,166,213,168,0,0
 3670 'クビ / カケ
 3680 DATA 160,177,162,175,169,170,171,170,172,169,178,169,180,170,189,175
 3690 DATA 192,177,195,178,210,185,215,186,220,187,230,187,240,189,250,190
 3700 DATA 255,191,260,192,267,194,0,0
 3710 'ク / カケ
 3720 DATA 157,192,140,193,133,195,130,196,127,199,0,0
 3730 DATA 275,189,280,191,282,195,286,199,0,0,999,999
 3740 'x
 3750 DATA 7,493,97,492,100,492,105,494,110,0,0
 3760 DATA 7,510,114,520,111,522,110,528,105,529,103,0,0
 3770 DATA 7,120,125,125,130,129,133,132,134,136,135,143,137,0,0
 3780 DATA 7,160,132,160,127,159,123,157,120,150,115,0,0
 3790 DATA 7,196,110,197,115,200,120,207,124,0,0
 3800 'カ / カケ
 3810 DATA 6,224,122,225,120,228,115,227,110,222,104,0,0
 3820 DATA 6,480,89,483,93,489,95,491,96,0,0
 3830 DATA 6,520,112,525,115,528,117,528,120,526,125,521,130,516,135,510,139
 3840 DATA 500,144,0,0
 3850 'クビ / カケ
 3860 DATA 6,480,150,487,150,489,155,493,160,498,165,502,170,504,175,508,178
 3870 DATA 512,178,0,0
 3880 DATA 6,431,170,450,185,0,0
 3890 'ク / カケ
 3900 DATA 7,516,177,520,176,521,176,530,178,533,180,540,184,550,190,555,195
 3910 DATA 0,0,3,555,195,561,199,0,0
 3930 'カ / カケ
 3940 DATA 6,130,98,140,100,150,101,153,101,155,102,157,104,157,108,155,110
 3950 DATA 152,113,0,0
 3960 DATA 6,125,131,121,133,120,135,120,142,121,147,0,0
 3970 DATA 6,197,85,194,83,192,94,195,97,198,100,0,0
 3980 DATA 6,224,122,230,123,232,125,239,130,239,135,236,140,231,145,229,150
 3990 DATA 227,155,223,160,220,164,219,166,213,168,0,0
 4000 'クビ / カケ
 4010 DATA 6,160,177,162,175,169,170,171,170,172,169,178,169,180,170,189,175
 4020 DATA 192,177,195,178,210,185,215,186,220,187,230,187,240,189,250,190
 4030 DATA 255,191,260,192,267,194,0,0
 4040 'ク / カケ
 4050 DATA 5,157,192,140,193,133,195,130,196,127,199,0,0
 4060 DATA 5,275,189,280,191,282,195,286,199,0,0
 4070 'カミ / カケ
 4080 DATA 1,148,32,140,35,139,36,139,41,141,45,150,50,160,53,170,56,0,0
 4090 DATA 1,116,80,118,85,120,90,121,95,121,105,120,110,116,115,110,120,104,125
 4100 DATA 98,130,90,135,85,140,82,142,76,150,0,0
 4110 DATA 1,76,154,71,160,70,165,70,170,71,175,72,180,76,185,75,180,76,175
 4120 DATA 79,170,80,175,81,180,83,185,87,190,90,195,97,199,0,0,0,999,999
 4130 'ホ
 4140 DATA 514,98,5,515,107,3,521,104,1,208,108,5,211,118,3,205,115,1
 4150 DATA 136,122,5,139,132,3,131,128,1,0,0,0



GU-GUガンモ ガンバレガンモ

PC-8801/mk II

渥美政彦

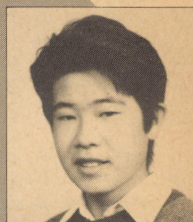
根づよい人気のガンモに挑戦！

Gu-Guガンモも最近作品が集まりつつあります。ガンモのファン層が平均的には低年齢のせいでしょうか、うる星やつらに比べると、ちょっと少なめなようです。

プログラムは比較的短くなっていますが、PAINTのところは座標がベタ描きになっていてあまり感心しません。初心者の参考にはなると思います。

作者のプロフィール

「ぼくは高1で、まだマイコンをやりはじめて半年たらずです。CGもたくさん作っている大島さんを超えたいと思っています」



GU-GUガンモ ガンバレガンモ プログラムリスト

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1000 *****
1010 *                GU-GU カンモ                1983年7月                *
1020 *****
1030 ショッキッタイ
1040 CONSOLE 0,25,0,1:WIDTH 80,25
1050 SCREEN 0,3:CLS 3:FOR C=0 TO 7:COLOR=(C,C):NEXT:SCREEN 0,0
1060 COLOR 7,7,0:CLS 3:COLOR 7,0,0
1070 WINDOW(70,0)-(320,180)
1080 ライン
1090 READ P
1100 READ X,Y:IF X=999 AND Y=999 THEN GOTO 1140
1110 PSET(X,Y),P
1120 READ X,Y:IF X=0 AND Y=0 THEN GOTO 1100
1130 LINE-(X,Y),P:GOTO 1120
1140 CIRCLE(176,77),6,0
1150 A$=CHR$(&H55)+CHR$(&H0)+CHR$(&HFF)
1160 PAINT(70,0),A$,0
1170 CIRCLE(213,17),2,0
1180 CIRCLE(189,17),1,0
1190 LINE(209,15)-(206,9),0:LINE-(204,8),0:LINE-(203,10),0:LINE-(206,13),0
1200 LINE-(208,16),0
1210 B$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H0)
1220 PAINT(200,20),B$,0
1230 PAINT(176,77),B$,0:PAINT(234,76),B$,0
1240 C$=CHR$(&H0)+CHR$(&HFF)+CHR$(&H55)
1250 PAINT(210,72),C$,0
1260 PAINT(160,165),6,0:PAINT(260,165),6,0:PAINT(184,162),6,0:PAINT(233,162),6,0
1270 D$=CHR$(&HFF)+CHR$(&H0)+CHR$(&H0)
1280 PAINT(127,101),D$,0:PAINT(137,100),D$,0:PAINT(130,92),D$,0
1290 PAINT(145,125),D$,0:PAINT(155,125),D$,0:PAINT(150,58),D$,0
1300 PAINT(128,114),D$,0:PAINT(136,119),D$,0:PAINT(146,105),D$,0
1310 PAINT(169,34),D$,0:PAINT(230,31),D$,0:PAINT(246,46),D$,0
1320 E$=CHR$(&H55)+CHR$(&H0)+CHR$(&H0)
1330 PAINT(129,105),E$,0:PAINT(131,98),E$,0:PAINT(143,109),E$,0
1340 PAINT(151,105),E$,0:PAINT(153,66),E$,0:PAINT(243,38),E$,0
1350 PAINT(250,45),E$,0:PAINT(250,60),E$,0:PAINT(146,105),E$,0
1360 PAINT(145,60),E$,0:PAINT(150,68),E$,0:PAINT(152,48),E$,0
1370 PAINT(258,98),E$,0:PAINT(176,161),E$,0:PAINT(242,162),E$,0
1380 PAINT(166,159),E$,0:PAINT(148,66),E$,0:PAINT(159,157),E$,0
1390 PAINT(203,65),0:PAINT(212,65),0
1400 LINE(96,0)-(78,19),2:LINE(146,0)-(85,56),2:LINE(157,0)-(127,24),2
1410 LINE(252,0)-(235,25),2:LINE(281,20)-(254,49),2:LINE(320,18)-(279,56),2
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1420 LINE(320,55)-(270,99),2:LINE(312,81)-(251,130),2:LINE(320,105)-(298,178),2
 1430 LINE(285,121)-(282,180),2:LINE(124,128)-(88,170),2
 1440 LINE(122,70)-(87,109),2:LINE(113,99)-(90,145),2
 1450 LINE(157,99)-(157,103),7:LINE-(159,111),7:LINE-(164,119),7
 1460 LINE-(170,125),7:LINE-(184,132),7:LINE-(198,137),7:LINE-(207,138),7
 1470 LINE-(226,139),7:LINE-(232,140),7:LINE-(236,144),7:LINE-(240,154),7
 1480 LINE(142,146)-(126,180),2:LINE(224,158)-(195,180),2
 1490 PAINT(251,148),E#,0
 1500 PAINT(256,148),6,0
 1510 'ライン(ミキ*ノクツ)
 1520 DATA 0,233,168,251,174,256,175,262,175,267,174,269,171,268,166,265,162
 1530 DATA 262,161, 0, 0
 1540 DATA 269,171,263,173,256,173,245,169,233,166,231,167,233,168, 0, 0
 1550 DATA 232,156,231,159,231,163,232,166, 0, 0
 1560 DATA 232,157,236,160,238,163,238,165,237,167, 0, 0
 1570 DATA 237,157,243,156, 0, 0
 1580 DATA 232,155,238,155,243,154, 0, 0
 1590 DATA 257,161,253,163,250,166,249,170,248,169,249,165,253,162,257,161
 1600 DATA 0, 0
 1610 DATA 262,161,262,159,256,159,250,161,251,163, 0, 0
 1620 DATA 249,160,255,158,259,158,258,157,255,156,250,158,246,164,245,163
 1630 DATA 250,157, 0, 0
 1640 DATA 260,156,261,159, 0, 0
 1650 DATA 251,156,253,156,255,155,253,151,251,151,251,156,247,158,243,156
 1660 DATA 243,154,245,151,251,152,251,154,247,158,245,155,251,154, 0, 0
 1670 DATA 262,155,262,153,259,151,254,152,260,154,250,154, 0, 0
 1680 DATA 258,151,256,146,254,145,246,147,244,148,246,151, 0, 0
 1690 DATA 247,151,247,148,253,147,255,148,256,151, 0, 0
 1700 'ライン(ヒタ*リノクツ)
 1710 DATA 186,157,187,160,188,167,165,172,158,172,154,170,153,167, 0, 0
 1720 DATA 188,164,181,167,168,169,164,170,158,170,153,167,153,162,155,159
 1730 DATA 159,158,164,159,169,163,173,168, 0, 0
 1740 DATA 174,167,169,161,168,161, 0, 0
 1750 DATA 182,167,181,164,184,160,187,159, 0, 0
 1760 DATA 186,157,178,157,171,156, 0, 0
 1770 DATA 186,157,187,155,183,155,172,154, 0, 0
 1780 DATA 155,159,159,155, 0, 0
 1790 DATA 159,158,163,155, 0, 0
 1800 DATA 168,161,167,158,171,156,172,154,170,153,166,153,164,156,168,156
 1810 DATA 166,155, 0, 0
 1820 DATA 163,156,159,155,158,152,160,151,164,153, 0, 0
 1830 DATA 163,154,160,153, 0, 0
 1840 DATA 170,153,170,151,164,150,164,152, 0, 0
 1850 DATA 173,154,173,150,171,149,163,147,162,148,162,151, 0, 0
 1860 'ライン
 1870 DATA 253,145,252,135,250,128,248,128,253,120,260, 94, 0, 0
 1880 DATA 256,109,257, 97, 0, 0
 1890 DATA 232,155,227,153,221,147, 0, 0
 1900 DATA 224,144,219,147,208,149,195,148,192,152,187,155, 0, 0
 1910 DATA 219,147,218,150,214,153, 0, 0
 1920 DATA 216,150,214,153,210,156,207,156, 0, 0
 1930 DATA 209,154,204,157,200,157,198,156, 0, 0
 1940 DATA 202,153,198,156,193,157,190,155,190,153, 0, 0
 1950 DATA 164,147,163,133, 0, 0
 1960 DATA 166,135,163,133,157,122,152,122, 0, 0
 1970 DATA 154,101,152,122,150,112,147,109,149,104, 0, 0
 1980 DATA 240,154,236,144,232,140,226,139,207,138,198,137,184,132,170,125
 1990 DATA 164,119,159,111,157,103,157, 98, 0, 0
 2000 DATA 158, 95,157, 98,154,101,149,104,144,101,139, 91,139, 81,142, 74
 2010 DATA 146, 71,150, 71,158, 73,163, 77,164, 79,161, 82,157, 84,154, 84
 2020 DATA 0, 0,158, 93,158, 95, 0, 0
 2030 DATA 162, 81,164, 84,163, 87,160, 92,154, 96, 0, 0
 2040 DATA 139, 91,144, 98,150, 99,155, 98,158, 95, 0, 0
 2050 DATA 263, 84,260, 94,257, 97,254, 97,248, 95,244, 91,244, 88, 0, 0
 2060 DATA 250, 90,243, 87,241, 85,241, 81, 0, 0
 2070 DATA 248, 80,241, 81,237, 79,236, 76,239, 71,251, 64,257, 64,260, 65
 2080 DATA 262, 67,264, 71,264, 78,263, 84,262, 89,259, 93,255, 96,250, 95
 2090 DATA 245, 94, 0, 0
 2100 DATA 150, 71,149, 68,146, 65,147, 63,150, 61,154, 63,157, 70,158, 73
 2110 DATA 0, 0
 2120 DATA 152, 71,149, 66,147, 63, 0, 0
 2130 DATA 253, 63,256, 56,256, 53,254, 51,251, 53,247, 59,243, 68, 0, 0
 2140 DATA 249, 56,242, 47,235, 40,225, 34,218, 31,215, 36,212, 39,209, 39
 2150 DATA 205, 36,201, 32,195, 29,191, 29,186, 30,177, 34,171, 38,164, 44
 2160 DATA 158, 55,154, 63, 0, 0
 2170 DATA 251, 53,250, 48,245, 41, 0, 0
 2180 DATA 254, 51,251, 43,246, 37, 0, 0
 2190 DATA 241, 46,245, 41,246, 37,245, 34,243, 32,238, 30, 0, 0
 2200 DATA 238, 43,240, 41,241, 36,238, 30,234, 27,227, 25,224, 25,219, 24

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2210 DATA 0, 0
2220 DATA 181, 22,174, 24,168, 28,164, 28,159, 30,154, 35,150, 40,148, 46
2230 DATA 148, 49, 0, 0
2240 DATA 181, 32,180, 26,181, 22,184, 15,188, 13,193, 13, 0, 0
2250 DATA 191, 21,193, 13,197, 7,201, 4,203, 4,206, 6,208, 10,209, 15
2260 DATA 0, 0
2270 DATA 207, 18,209, 15,213, 14,217, 17,219, 24,218, 31, 0, 0
2280 DATA 149, 43,150, 45,154, 47,158, 48,164, 45, 0, 0
2290 DATA 148, 49,151, 49,154, 51,160, 51, 0, 0
2300 DATA 148, 49,143, 53,140, 58,140, 62,135, 66,132, 72,131, 82,133, 90
2310 DATA 133,102,136,114,145,130,150,136,157,139,163,140, 0, 0
2320 DATA 151, 50,147, 54,144, 60,141, 71,141, 75, 0, 0
2330 DATA 154, 52,147, 58,145, 64,144, 72, 0, 0
2340 DATA 141, 96,142,109,148,123,155,133,162,136, 0, 0
2350 DATA 132, 86,129, 89,127, 93,125, 97,125,101,127,103,130,102,133, 96
2360 DATA 133, 93,131, 95,129,100,128, 96,127, 96,125, 97, 0, 0
2370 DATA 125,103,124,109,128,121,135,127, 0, 0
2380 DATA 127,103,132,121,135,127,139,130,145,131, 0, 0
2390 DATA 130,102,130,107,134,120,139,127,143,128, 0, 0
2400 DATA 198, 35,202, 39,206, 46,208, 52,208, 58,205, 66,201, 70,198, 71
2410 DATA 195, 72,193, 72,186, 70,181, 66,179, 59,179, 50,182, 43,188, 39
2420 DATA 194, 38,202, 41,205, 44, 0, 0
2430 DATA 216, 36,209, 47,208, 52,208, 58,211, 65,218, 71,223, 72,228, 70
2440 DATA 231, 67,233, 62,234, 56,233, 50,230, 44,227, 41,222, 39,219, 39
2450 DATA 213, 42,211, 44,209, 47, 0, 0
2460 DATA 179, 54,197, 62,206, 63, 0, 0
2470 DATA 234, 56,225, 61,216, 63,210, 63, 0, 0
2480 DATA 207, 68,205, 71,199, 74,198, 75,202, 78,208, 79,213, 79,218, 78
2490 DATA 221, 76,212, 68,207, 68, 0, 0
2500 DATA 202, 76,206, 74,210, 76,213, 74,217, 76, 0, 0
2510 DATA 214, 63,215, 65,213, 67, 0, 0
2520 DATA 202, 63,202, 67,203, 68, 0, 0
2530 DATA 239, 71,235, 71,231, 75,231, 78,234, 81,237, 82,240, 80, 0, 0
2540 DATA 144,101,148,114,155,128,158,132,163,135, 0, 0
2550 DATA 125,103,125,100, 0, 0,999,999
2560

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END

別冊POPCOM・プログラムマガジン

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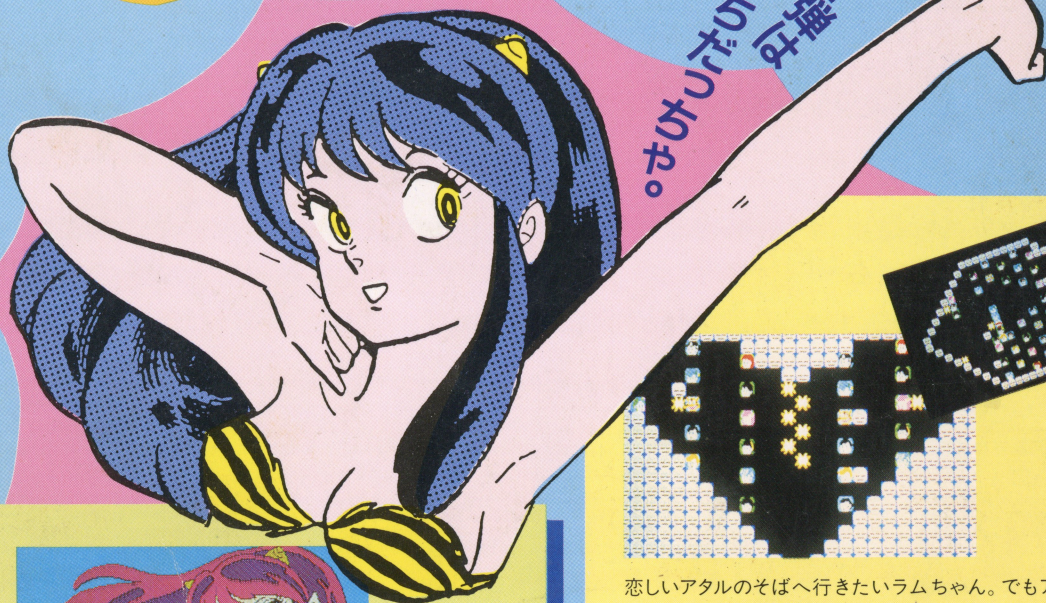
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わくわく

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えええ

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みんな一冊



♥♥の美しいラムちゃんが、無残にもバラバラ36ピース。
こんな姿にしたマイコンを、ボクは許さないぞ。ボクの
記憶力と推理力で、もとのラムちゃんにしてあげるから
ね。美しい画面が6シーン。しかもピース配置は乱数決め
だから、何度でも楽しめるマイコン版ジグソーパズルだ。
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